



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	iON Digital Zone iDZ Tirunelveli
Test Date	05/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	BBB NTPC Graduate Level I

RRB NTPC GRADUATE 2024

Graduate Level | CEN 05/2024

ENGLISH ANSWER KEY

Official Answer Key with Solutions

All 47 Shifts · 05-06-2025 to 24-06-2025

Questions	100
Marking	+1 correct / -1/3 wrong
Duration	90 minutes
Sections	General Awareness 40 · Maths 30 · Reasoning 30

Every paper here is the official RRB response sheet with the correct answer marked.

HOW TO USE THIS BOOK

- 1 Open the INDEX on the next page.
- 2 Click any row to jump straight to that date and shift.
- 3 Correct options are ticked in green, wrong ones crossed in red.
- 4 Use the bookmarks panel of your PDF reader to move between shifts.

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Blackbook

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Compiled 11 September 2026

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RRB NTPC Graduate 2024 CBT 1 (English) · 47 shifts

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*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 Find the surface area of a sphere whose diameter is equal to 98 cm.

- Ans**
- ☒ 1. 30,184 cm²
 - ☐ 2. 29,256 cm²
 - ☐ 3. 39,204 cm²
 - ☐ 4. 33,284 cm²

Q.2 The Sabarmati river originates from which of the following places?

- Ans**
- ☐ 1. Western Ghats, Maharashtra
 - ☐ 2. Satpura Range, Gujarat
 - ☒ 3. Aravalli Hills, Rajasthan
 - ☐ 4. Vindhya Range, Madhya Pradesh

Q.3 When navigating through options in a dialog box or menu using the keyboard, what is the primary function of the Tab key?

- Ans**
- ☐ 1. To close the current dialog box or menu
 - ☐ 2. To go back to the previous option or control
 - ☒ 3. To move the focus to the next available option or control
 - ☐ 4. To select the currently highlighted option

Q.4 In a row of 73 students facing north, Gita is 16th from the left end. If Sunita is 21st to the right of Gita, what is Sunita's position from the right end of the line?

- Ans**
- ☒ 1. 37th
 - ☐ 2. 22nd
 - ☐ 3. 28th
 - ☐ 4. 31st

Q.5 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) # * £ 3 9 € # % £ 1 % £ 8 8 1 4 9 % 5 8 & 7 (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

- Ans**
- ☒ 1. 3
 - ☒ 2. 2
 - ☒ 3. 1
 - ☒ 4. 4

Q.6 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Numb er/sy mbol	2	@	9	5	\$	&	3	%	#	7	+	4	8	6
Code	T	F	A	J	L	E	W	Q	D	P	R	B	U	S

Conditions:

If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.

If the first element is an odd number and the last an even number, the first and last elements are to be coded as @.

If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?

7 2 4 @ 5

- Ans**
- ☒ 1. PBBFJ
 - ☒ 2. JBBFP
 - ☒ 3. JTBFP
 - ☒ 4. PTBFJ

Q.7 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☒ 1. SQU
 - ☒ 2. LJN
 - ☒ 3. POR
 - ☒ 4. ECG

Q.8 Find the value of K if the quadratic equations $2x^2 + Kx + 8 = 0$ and $3x^2 + 4x + 12 = 0$ have both roots common.

- Ans**
- ☒ 1. $\frac{8}{3}$
 - ☒ 2. $\frac{3}{2}$
 - ☒ 3. $\frac{7}{2}$
 - ☒ 4. $\frac{5}{3}$

Q.9 Who won the Women's Premiere League WPL 2025 title?

- Ans
- ☐ 1. Royal Challengers Bangalore
 - ☒ 2. Mumbai Indians
 - ☐ 3. Chennai Super Kings
 - ☐ 4. Delhi Capitals

Q.10 P, Q, R, S, T, U and V are sitting around a circular table facing the centre. Only two people sit between T and S when counted from the right of T. Only three people sit between V and Q when counted from the right of Q. S sits to the immediate right of Q. U sits to the immediate right of R. How many people sit between Q and U when counted from the right of Q?

- Ans
- ☐ 1. 3
 - ☒ 2. 2
 - ☐ 3. 1
 - ☐ 4. 4

Q.11 The mode and median of a data set is 28.4 and 88, respectively. What is the mean of the data set? (Use empirical formula.)

- Ans
- ☐ 1. 127.7
 - ☐ 2. 114.2
 - ☐ 3. 119.2
 - ☒ 4. 117.8

Q.12 Salil's salary was first reduced by 15% and subsequently raised by 10%. What percentage was his final salary lower compared to his initial salary?

- Ans
- ☐ 1. 1.5%
 - ☒ 2. 6.5%
 - ☐ 3. 10%
 - ☐ 4. 15%

Q.13 From which state to which state do the Eastern Coastal Plains of India extend?

- Ans
- ☒ 1. West Bengal to Tamil Nadu
 - ☐ 2. Maharashtra to Andhra Pradesh
 - ☐ 3. Odisha to Karnataka
 - ☐ 4. Gujarat to Kerala

Q.14 Which of the following combinations represents the party and constituency of the Chief Minister of Jharkhand after the 2024 Assembly elections?

- Ans
- ☒ 1. JMM, Barhait
 - ☐ 2. JMM, Khunti
 - ☐ 3. BJP, Dhanwar
 - ☐ 4. BJP, Jamshedpur East

Q.15 Simplify: $\frac{\sqrt[3]{5832}}{\sqrt[4]{10000}} \times \frac{5}{24} \times 78$

- Ans
- ☐ 1. 17
 - ☐ 2. 21
 - ☐ 3. 8
 - ☒ 4. 13

Q.16 Rahul's age is three times the age of his daughter. After 8 years from now, his age will be 5 years more than twice the age of his daughter. Find the present age of Rahul.

- Ans**
- ☐ 1. 39 years
 - ☐ 2. 36 years
 - ☐ 3. 33 years
 - ☒ 4. 30 years

Q.17 If the ratio of two numbers is 5 : 3 and the product of their LCM and their HCF is 135, then the sum of the reciprocals of the LCM and the HCF is:

- Ans**
- ☐ 1. $\frac{16}{85}$
 - ☐ 2. $\frac{16}{61}$
 - ☐ 3. $\frac{16}{73}$
 - ☒ 4. $\frac{16}{45}$

Q.18 In which year did Bakshi Jagabandhu lead the Paika Rebellion to protest against the British land revenue policy?

- Ans**
- ☒ 1. 1817
 - ☐ 2. 1806
 - ☐ 3. 1717
 - ☐ 4. 1785

Q.19 Which of the following is an example of a chemical change?

- Ans**
- ☐ 1. Cutting paper
 - ☐ 2. Melting ice
 - ☐ 3. Boiling water
 - ☒ 4. Burning wood

Q.20 Find the duration (in years) in which ₹1,200 will amount to ₹2,280 at a rate of 4% per annum simple interest.

- Ans**
- ☐ 1. 21.5
 - ☒ 2. 22.5
 - ☐ 3. 24.5
 - ☐ 4. 23.5

Q.21 If 2 is added to each even digit and 2 is added to each odd digit in the number 5217643, what will be the sum of the first digit from the left and the first digit from the right in the new number thus formed?

- Ans**
- ☐ 1. 13
 - ☒ 2. 12
 - ☐ 3. 11
 - ☐ 4. 10

Q.22 If '+' means '-', '-' means 'x', 'x' means '÷' and '÷' means '+', then what will come in place of the question mark (?) in the following equation?

$$32 \div 14 + 16 - 8 \times 4 = ?$$

- Ans
- ☐ 1. 18
 - ☐ 2. 16
 - ☒ 3. 14
 - ☐ 4. 22

Q.23 What was the overall unemployment rate in India as reported in the 6th Annual Employment-Unemployment Survey conducted by the Labour Bureau?

- Ans
- ☐ 1. 4.9%
 - ☒ 2. 5.4%
 - ☐ 3. 7.3%
 - ☐ 4. 6.1%

Q.24 What is the main focus of the Sangam anthologies, Purananuru and Patirruppattu, from the Ettuttokai collection?

- Ans
- ☐ 1. Love and emotional experiences
 - ☐ 2. Descriptions of nature and landscapes
 - ☐ 3. Spiritual and religious themes
 - ☒ 4. Heroism and praises of kings and their deeds

Q.25 Select the number from among the given options that can replace the question mark (?) in the following series.

105 97 89 81 73 ?

- Ans
- ☐ 1. 70
 - ☒ 2. 65
 - ☐ 3. 60
 - ☐ 4. 58

Q.26 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$1125 \times 45 \div 39 - 17 + 19 = ?$$

- Ans
- ☐ 1. 992
 - ☐ 2. 975
 - ☐ 3. 379
 - ☒ 4. 973

Q.27 Who among the following was known for promoting inter-caste and inter-religious marriages through legislation?

- Ans
- ☐ 1. Annie Besant
 - ☐ 2. Pandita Ramabai
 - ☐ 3. Sir Syed Ahmed Khan
 - ☒ 4. Raja Ram Mohan Roy

Q.28 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
OKI 4, QLG 8, SME 12, UNC 16, ?

- Ans
- ☒ 1. WOA 20
 - ☐ 2. WOV 20
 - ☐ 3. WOA 24
 - ☐ 4. VOW 16

Q.29 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: VEC :: BNW : %

- Ans**
- ✓ 1. # = XHA, % = ZKY
 - ✗ 2. # = FTS, % = XHA
 - ✗ 3. # = DQU, % = XHA
 - ✗ 4. # = ZKY, % = FTS

Q.30 What should come in place of the question mark (?) in the given series?

701 700 697 692 685 ?

- Ans**
- ✗ 1. 671
 - ✗ 2. 673
 - ✗ 3. 675
 - ✓ 4. 676

Q.31 The difference between the simple interest and the compound interest, compounded annually, on a certain sum of money for 2 years at 16% per annum is ₹797. Find the sum (rounded off to the nearest integer).

- Ans**
- ✗ 1. ₹31,137
 - ✓ 2. ₹31,133
 - ✗ 3. ₹31,130
 - ✗ 4. ₹31,113

Q.32 According to the Economic Survey 2024-25, what is the current expenditure on Research and Development (R&D) as a percentage of India's GDP?

- Ans**
- ✗ 1. 1.28%
 - ✓ 2. 0.64%
 - ✗ 3. 1.15%
 - ✗ 4. 0.45%

Q.33 When x is added to each of 30, 15, 21 and 11, then the numbers so obtained, in this order, are in proportion. Then, if $6x : y :: y : (3x-9)$, and $y > 0$, what is the value of y?

- Ans**
- ✗ 1. 10
 - ✗ 2. 37
 - ✗ 3. 24
 - ✓ 4. 18

Q.34 Who among the following assumed charge of the Comptroller General of India in November 2024?

- Ans**
- ✓ 1. K Sanjay Murthy
 - ✗ 2. Tuhin Kant Pandey
 - ✗ 3. Manish Singhal
 - ✗ 4. Arunish Chawla

Q.35 What is the key difference between the Supreme Court's original jurisdiction in federal disputes versus its writ jurisdiction?

- Ans**
- ✗ 1. Federal dispute jurisdiction applies to civil matters, while writ jurisdiction applies to criminal matters.
 - ✓ 2. Federal dispute jurisdiction is advisory, while writ jurisdiction is binding.
 - ✗ 3. Federal dispute jurisdiction can be exercised suo moto, while writ jurisdiction requires a petition.
 - ✗ 4. Federal dispute jurisdiction is exclusive to SC, while writ jurisdiction is concurrent with High Courts.

Q.36 The larger of two supplementary angles is 28° more than the smaller one. The smaller angle (in degree) is:

- Ans**
- ☒ 1. 76°
 - ☐ 2. 84°
 - ☐ 3. 79°
 - ☐ 4. 80°

Q.37 Which of the following is an example of an operating system commonly used on desktop computers?

- Ans**
- ☐ 1. Microsoft Word
 - ☒ 2. Windows 10
 - ☐ 3. Adobe Photoshop
 - ☐ 4. Google Chrome

Q.38 Seven people, N, O, P, Q, R, S and T, are sitting in a straight line facing north. T is sitting at one of the ends of the line. Only two people are sitting to the left of R. P is sitting to the immediate right of R and immediate left of S. Q is sitting to the immediate left of O. Q does not sit at an extreme end of the line. How many people are sitting between O and N?

- Ans**
- ☐ 1. Zero
 - ☒ 2. Four
 - ☐ 3. Two
 - ☐ 4. One

Q.39 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?
#: JLH :: IKG : %

- Ans**
- ☐ 1. # = DEG, % = NIU
 - ☐ 2. # = FDG, % = MLG
 - ☐ 3. # = FJH, % = MHU
 - ☒ 4. # = EGC, % = NPL

Q.40 How many countries were evaluated in the Climate Change Performance Index 2025?

- Ans**
- ☒ 1. 63
 - ☐ 2. 93
 - ☐ 3. 83
 - ☐ 4. 73

Q.41 Pipe A can fill a tank in 18 minutes, while pipe B can empty the completely filled tank in 20 minutes. Initially, pipe A is opened and after 6 minutes pipe B is also opened. In how much time (in minutes) will the remaining tank be filled completely?

- Ans**
- ☐ 1. 137
 - ☐ 2. 107
 - ☐ 3. 127
 - ☒ 4. 120

Q.42 Which Article of the Directive Principles of State Policy was added by the 97th Constitutional Amendment Act of the Constitution of India?

- Ans**
- ☐ 1. Article 48 A
 - ☐ 2. Article 43 A
 - ☒ 3. Article 43 B
 - ☐ 4. Article 39 A

Q.43 As of April 2025, what percentage of the India-UK Free Trade Agreement (FTA) has been finalised, bringing both the nations closer to concluding the deal?

- Ans**
- ☐ 1. 70%
 - ☐ 2. 80%
 - ☐ 3. 95%
 - ☒ 4. 90%

Q.44 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: LHM :: OKP : %

- Ans**
- ☐ 1. # = FDH, % = NHU
 - ☒ 2. # = GCH, % = TPU
 - ☐ 3. # = DCV, % = NHY
 - ☐ 4. # = UPS, % = RPV

Q.45 67 is related to 74 following a certain logic. Following the same logic, 13 is related to 20. To which of the following is 52 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☐ 1. 63
 - ☐ 2. 57
 - ☐ 3. 61
 - ☒ 4. 59

Q.46 A man has to cover a distance of 519 km in 7 hours. If he covers two then what should his speed (in km/hr) be to cover the remaining dist:



- Ans**
- ☒ 1. 86.5
 - ☐ 2. 46.5
 - ☐ 3. 34.5
 - ☐ 4. 66.5

Q.47 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. No box is kept above F. Only three boxes are kept between F and B. Only one box is kept between G and D. D is kept immediately above B. Only four boxes are kept between G and C. A is kept in some place above E. How many boxes are kept below D?

- Ans**
- ☐ 1. 1
 - ☐ 2. 2
 - ☐ 3. 4
 - ☒ 4. 3

Q.48 The Takht-i-Bahi inscription refers to which Parthian ruler?

- Ans**
- ☐ 1. Azes
 - ☐ 2. Rudradaman
 - ☒ 3. Gondophernes
 - ☐ 4. Menander

Q.49 In South Indian temple architecture, what is the name of the stepped or pyramidal structure built above the sanctum?

- Ans**
- ☐ 1. Jagati
 - ☐ 2. Mandapa
 - ☐ 3. Adhithana
 - ☒ 4. Vimana

Q.50 If $7.5 : 19.5 :: 16 : x$, find the value of x .

- Ans**
- ☐ 1. 41.1
 - ☒ 2. 41.6
 - ☐ 3. 45.1
 - ☐ 4. 39.4

Q.51 Which of the following Indian states does NOT have a coastline?

- Ans**
- ☐ 1. Odisha
 - ☒ 2. Rajasthan
 - ☐ 3. Andhra Pradesh
 - ☐ 4. Gujarat

Q.52 The simplified value of $127 - 7 \times (17 + 6) + 93$ is:

- Ans**
- ☐ 1. 57
 - ☐ 2. 51
 - ☒ 3. 59
 - ☐ 4. 62

Q.53 Which of the following components is/are NOT a part of the Central Processing Unit (CPU)?

- Ans**
- ☐ 1. Control Unit (CU)
 - ☐ 2. Registers
 - ☒ 3. Graphic Card
 - ☐ 4. Arithmetic Logic Unit (ALU)

Q.54 How many cities were initially included under the Smart Cities Mission launched by the Government of India?

- Ans**
- ☒ 1. 100
 - ☐ 2. 150
 - ☐ 3. 200
 - ☐ 4. 50

Q.55 The term 'Bhukti' in post-Gupta polity referred to:

- Ans**
- ☒ 1. province
 - ☐ 2. king
 - ☐ 3. tax
 - ☐ 4. officer

Q.56 If Ishwar covers 721 km in a boat in 42 hours against the stream and he takes 15 hours with the stream, then find the speed of the stream.

- Ans**
- ☒ 1. 22.48 km/hr
 - ☒ 2. 7.38 km/hr
 - ☒ 3. 19.25 km/hr
 - ☒ 4. 15.45 km/hr

Q.57 A group of numbers/symbols is coded using letter codes as per the codes given below and the conditions that follow. If none of the conditions apply, then codes for the respective number/symbol to be followed directly as given in the table.

Number/ Symbol	9	2	@	&	3	7	5	%	1	8	Δ	4	6
Code	L	C	Z	M	D	W	A	P	R	T	F	B	K

Conditions:

- (i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
- (ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
- (iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?
 5 & 3 @ 7 % 2

- Ans**
- ☒ 1. © M D Z P W ©
 - ☒ 2. © D M Z W P ©
 - ☒ 3. © M D W Z P ©
 - ☒ 4. © M D Z W P ©

Q.58 The larger of two supplementary angles is 50° more than the smaller one. The smaller angle (in degree) is:

- Ans**
- ☒ 1. 67°
 - ☒ 2. 56°
 - ☒ 3. 65°
 - ☒ 4. 75°

Q.59 Which of the following countries assumed the Chairmanship of the Bay of Bengal Inter-Governmental Organisation (BOBP-IGO) in 2025?

- Ans**
- ☒ 1. Bangladesh
 - ☒ 2. India
 - ☒ 3. Sri Lanka
 - ☒ 4. Myanmar

Q.60 In a certain code language,

A + B means 'A is the mother of B'
 A - B means 'A is the brother of B'
 A × B means 'A is the wife of B' and
 A ÷ B means 'A is the father of B'.

How is M related to Q if 'M + N × O ÷ P - Q'?

- Ans**
- ☒ 1. Father's sister
 - ☒ 2. Father's mother
 - ☒ 3. Mother's sister
 - ☒ 4. Mother's mother

Q.61 Which country became the first in Latin America to exit China's Belt and Road Initiative in 2025?

- Ans**
- ☐ 1. Chile
 - ☐ 2. Colombia
 - ☐ 3. Argentina
 - ☒ 4. Panama

Q.62 What is the primary purpose of virtual memory in a computer system?

- Ans**
- ☐ 1. To extend CACHE memory for storage
 - ☐ 2. To provide backup for data
 - ☒ 3. To extend RAM capacity by using disk space
 - ☐ 4. To increase physical storage capacity

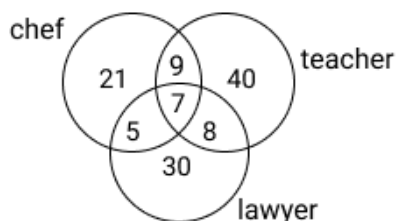
Q.63 Simplify $(2x - 5y)^2 + (5x + 2y)^2 + (2x + 5y)(2x - 5y)$.

- Ans**
- ☐ 1. $-34x^2 + 4y^2$
 - ☐ 2. $34x^2 - 4y^2$
 - ☒ 3. $33x^2 + 4y^2$
 - ☐ 4. $-33x^2 - 4y^2$

Q.64 Kiran spends 45% of his income. If he saves ₹66,000, then his income (in ₹) is:

- Ans**
- ☐ 1. 1,19,000
 - ☐ 2. 29,700
 - ☐ 3. 1,21,000
 - ☒ 4. 1,20,000

Q.65 Study the given Venn diagram carefully and answer the question that follows.



The numbers in different sections indicate the number of persons. How many chefs are there who are also teachers but not lawyers?

- Ans**
- ☐ 1. 5
 - ☒ 2. 9
 - ☐ 3. 7
 - ☐ 4. 8

Q.66 The Indian telecom sector was liberalised under which year's Telecom Policy?

- Ans**
- ☐ 1. 2002
 - ☒ 2. 1994
 - ☐ 3. 1999
 - ☐ 4. 1997

Q.67 FARM is related to CXOJ in a certain way based on the English alphabetical order. In the same way, FRESH is related to COBPE. To which of the given options is RICH related, following the same logic?

- Ans**
- ☐ 1. OEZF
 - ☐ 2. OFZF
 - ☒ 3. OFZE
 - ☐ 4. OEZE

Q.68 Which of the following statements is/are correct about the Digital Agriculture Mission launched in 2024?
It includes the creation of Digital Public Infrastructure such as AgriStack and Comprehensive Soil Fertility Maps.
AgriStack is managed solely by the Central Government.
The mission seeks to facilitate digital services like credit and insurance to farmers through authenticated data.

- Ans**
- ☐ 1. Only 2 and 3
 - ☐ 2. Only 1 and 2
 - ☐ 3. 1, 2 and 3
 - ☒ 4. Only 1 and 3

Q.69 A vendor bought lemons at 7 for ₹1. How many lemons must he sell for ₹1 to gain 75%?

- Ans**
- ☐ 1. 5
 - ☐ 2. 6
 - ☒ 3. 4
 - ☐ 4. 8

Q.70 The marked price of a bed is ₹517, which is 30% above the cost price. If the profit percent is 2%. Find the discount percentage. (rounded off to two decimal places)

- Ans**
- ☐ 1. 20.36%
 - ☒ 2. 21.54%
 - ☐ 3. 18.57%
 - ☐ 4. 24.06%

Q.71 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

XBF UYC RVZ OSW ?

- Ans**
- ☐ 1. TPL
 - ☐ 2. LTP
 - ☒ 3. LPT
 - ☐ 4. TLP

Q.72 What is the purpose of the Slide Master in MS PowerPoint?

- Ans**
- ☒ 1. To apply consistent formatting, fonts, and layouts to all slides
 - ☐ 2. To insert animations and transitions
 - ☐ 3. To delete multiple slides at once
 - ☐ 4. To export slides as images

Q.73 If 260 is the mean proportion between x and 338, what is the value of x?

- Ans**
- ☐ 1. 198
 - ☐ 2. 201
 - ☐ 3. 199
 - ☒ 4. 200

Q.74 Varun and Ashish together can paint a hall in 3 days. Varun alone can paint it in 7 days. In how many days can Ashish alone paint 4 such halls?

- Ans** ☒ 1. 21
☐ 2. 5.25
☐ 3. 6.25
☐ 4. 22

Q.75 In quadrilateral ABCD, AB = 17 cm, BC = 8 cm, CD = 9 cm, AD = 12 cm, and AC = 15 cm. What is the area (in cm^2) of the quadrilateral?

- Ans** ☐ 1. 118
☒ 2. 114
☐ 3. 121
☐ 4. 105

Q.76 Which structural-functional issue in a plant root would hinder gas exchange but not significantly impact water absorption?

- Ans** ☐ 1. Mutated epiblema cells lacking vacuoles
☐ 2. Endodermal cells without suberin
☐ 3. Absence of root hairs due to epidermal deformation
☒ 4. Disrupted stomatal apparatus on aerial organs

Q.77 In the Gender Inequality Index (GII) 2022, what rank did India achieve among 193 countries?

- Ans** ☐ 1. 115
☐ 2. 100
☒ 3. 108
☐ 4. 122

Q.78 Fardeen starts from point A and drives 13 km towards west. He then takes a left turn, drives 7 km, turns right and drives 6 km. He then takes a left turn and drives 8 km. He takes a final left turn, drives 19 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again (all turns are 90 degrees turns only unless specified)?

- Ans** ☐ 1. 15 km south
☐ 2. 12 km south
☒ 3. 15 km north
☐ 4. 10 km north

Q.79 In February 2025, Muthoot Finance has received RBI approval to open how many new branches across India, strengthening its presence in the gold loan market?

- Ans** ☐ 1. 125
☒ 2. 115
☐ 3. 110
☐ 4. 120

Q.80 Sundar starts from point A and drives 12 km towards the east. He then takes a left turn, drives 9 km, turns left and drives 13 km. He then takes a left turn and drives 11 km. He takes a final left turn, drives 1 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90 degree turns only unless specified.)

- Ans** ☐ 1. 1 km to the north
☐ 2. 1 km to the south
☐ 3. 2 km to the south
☒ 4. 2 km to the north

Q.81 The Supreme Court can issue writs under Article 32 only for which specific purpose?

- Ans**
- ☐ 1. To review decisions of statutory tribunals
 - ☐ 2. To resolve disputes between states
 - ☐ 3. To enforce the Directive Principles of State Policy
 - ☒ 4. To protect Fundamental Rights

Q.82 Which of the following solutions is slightly acidic due to hydrolysis?

- Ans**
- ☒ 1. NH_4Cl
 - ☐ 2. Na_2CO_3
 - ☐ 3. $\text{NH}_4\text{CH}_3\text{COO}$
 - ☐ 4. CH_3COONa

Q.83 The median of the observations 76, 83, 30, 11, 81, 52, 18, 34, 84, 35 and 27 is:

- Ans**
- ☐ 1. 52
 - ☒ 2. 35
 - ☐ 3. 30
 - ☐ 4. 34

Q.84 A ladder leaning against a wall makes an angle θ with the horizontal ground. If the height of the top of the ladder from the wall is 30 m, find the distance of the foot of the ladder from the wall.

- Ans**
- ☐ 1. 20
 - ☐ 2. 14
 - ☐ 3. 18
 - ☒ 4. 16

Q.85 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$38 \div 21 + 436 \times 4 - 73 = ?$$

- Ans**
- ☒ 1. 762
 - ☐ 2. 764
 - ☐ 3. 761
 - ☐ 4. 763

Q.86 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

- Ans**
- ☐ 1. HL - JN
 - ☐ 2. SW - UY
 - ☐ 3. NR - PT
 - ☒ 4. MU - KH

Q.87 What is the value of $\frac{3}{8} + \frac{1}{8} + \frac{5}{16} + \frac{2}{8} - 2$?

- Ans
- ☐ 1. $-\frac{23}{16}$
 - ☐ 2. $-\frac{21}{16}$
 - ☐ 3. $-\frac{13}{16}$
 - ☒ 4. $-\frac{15}{16}$

Q.88 A class of 30 students appeared in a test. The average score of 12 students is 60, and that of the rest is 62. What is the average score of the class?

- Ans
- ☐ 1. 60.2
 - ☒ 2. 61.2
 - ☐ 3. 59.2
 - ☐ 4. 62.2

Q.89 Who among the following founded the Vedanta College in Calcutta to promote both Indian and Western learning?

- Ans
- ☒ 1. Rammohan Roy
 - ☐ 2. Debendranath Tagore
 - ☐ 3. Ishwar Chandra Vidyasagar
 - ☐ 4. Swami Vivekananda

Q.90 Which type of subordinate court primarily handles disputes related to property ownership and contractual agreements?

- Ans
- ☐ 1. Revenue Courts
 - ☒ 2. Civil Courts
 - ☐ 3. Family Courts
 - ☐ 4. Criminal Courts

Q.91 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6.
A lives on a floor which is a prime number. The product of floors on which A and E live is 3. Only 2 people live above B. F lives immediately below C.
How many people live between D and F?

- Ans
- ☐ 1. Three
 - ☐ 2. One
 - ☐ 3. Four
 - ☒ 4. Two

Q.92 What is the primary objective of the Chandra's Surface Thermophysical Experiment (ChaSTE), 2025, payload?

- Ans
- ☒ 1. To measure the vertical temperature profile of the lunar regolith
 - ☐ 2. To study the Moon's magnetic field
 - ☐ 3. To assess the Moon's geological composition
 - ☐ 4. To measure the Moon's atmospheric pressure

Q.93 The 24° latitude passes closest to which Indian state's capital?

- Ans**
- ☐ 1. Dispur
 - ☐ 2. Patna
 - ☐ 3. Raipur
 - ☒ 4. Bhopal

Q.94 A group of numbers/symbols is coded using letter codes as per the codes given below and the conditions that follow. If none of the conditions apply, then codes for the respective number/symbol to be followed directly as given in the table.

Number/ Symbol	8	9	@	&	5	7	2	%	1	3	Δ	4	6
Code	L	C	Z	M	D	W	A	P	R	T	F	B	K

Conditions:

- (i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
- (ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©
- (iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?

7 2 @ 1 3 &

- Ans**
- ☐ 1. MAZRTW
 - ☐ 2. MAZTRW
 - ☒ 3. WAZRTM
 - ☐ 4. WARZTM

Q.95 A dealer sells two dryers at the rate of ₹63,000 per dryer. On one, he earns a profit of 5% and on the other he loses 30%. What is his loss percentage in the whole transaction?

- Ans**
- ☐ 1. 17%
 - ☐ 2. 14%
 - ☐ 3. 15%
 - ☒ 4. 16%

Q.96 The average of first 14 whole numbers is:

- Ans**
- ☐ 1. 7
 - ☒ 2. 6.5
 - ☐ 3. 7.5
 - ☐ 4. 5.5

Q.97 This question is based on the five, three-digit numbers given below.

(Left) 401 418 733 283 902 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the third digit of the lowest number?

- Ans**
- ☐ 1. 6
 - ☒ 2. 3
 - ☐ 3. 4
 - ☐ 4. 2

Q.98 In November 2024, which day was celebrated to honour India's contribution to the dairy revolution?

- Ans**
- ☐ 1. White Revolution Day
 - ☐ 2. Milk Production Day
 - ☐ 3. National Dairy Day
 - ☒ 4. National Milk Day

Q.99 Which urban local self government body manages small towns with limited municipal functions like street lighting and drainage?

- Ans**
- ☐ 1. Port Trust
 - ☐ 2. Municipal Corporation
 - ☐ 3. Special Purpose Agencies
 - ☒ 4. Town Area Committee

Q.100 This question is based on the five, three-digit numbers given below.

(Left) 614 457 249 625 150 (Right)

(Example: 697 - First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is subtracted from the second digit of the lowest number?

- Ans**
- ☐ 1. 4
 - ☐ 2. 2
 - ☐ 3. 6
 - ☒ 4. 3



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	Eastern Academy Of Science And Technology MAC Center
Test Date	05/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 What is the percentage change in allocation for the Smart Cities Mission in India from the Revised Estimates of 2023-24 to the Budget Estimates of 2024-25?

- Ans
- ☒ 1. -50%
 - ☒ 2. -60%
 - ☒ 3. -80%
 - ☒ 4. -70%

Q.2 Marks in statistics of 12 students are x, 28, 35, 56, 78, 63, 65, 81, 79, 83, 80, y, where x and y are the lowest and highest marks, respectively. If the range and average of the marks are 70 and 64, respectively, then the ordered pair (x, y) is:

- Ans
- ☒ 1. (25, 95)
 - ☒ 2. (23, 93)
 - ☒ 3. (30, 100)
 - ☒ 4. (35, 105)

Q.3 Which of the following is a major river of the Indus basin system?

- Ans
- ☒ 1. Kaveri
 - ☒ 2. Yamuna
 - ☒ 3. Godavari
 - ☒ 4. Ravi

Q.4 Where was the 13th Governing Council Meeting of the Bay of Bengal Inter-Governmental Organization (BOBP-IGO) held?

- Ans
- ☒ 1. Male, Maldives
 - ☒ 2. Chennai, India
 - ☒ 3. Dhaka, Bangladesh
 - ☒ 4. Colombo, Sri Lanka

Q.5 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: FLN :: TXB : %

- Ans
- ☒ 1. # = XTF, % = PBX
 - ☒ 2. # = BPJ, % = XTF
 - ☒ 3. # = PBX, % = XTF
 - ☒ 4. # = LFT, % = BPJ

Q.6 Two pipes, A and B, can fill a tank of 3700 litres in 9 hours and 6 hours, respectively. If they are opened together, how many hours will they take to fill an empty tank of 6400 litres?

- Ans**
- ☐ 1. $\frac{1149}{185}$ hours
 - ☐ 2. $\frac{1153}{185}$ hours
 - ☐ 3. $\frac{1159}{185}$ hours
 - ☒ 4. $\frac{1152}{185}$ hours

Q.7 As of February 2025, how many youth were trained in vocational skills under the Nehru Yuva Kendra Sangathan initiatives?

- Ans**
- ☐ 1. 18,041
 - ☐ 2. 35,677
 - ☐ 3. 12,571
 - ☒ 4. 28,275

Q.8 Which author wrote the popular novel 'Held', shortlisted for Booker 2024?

- Ans**
- ☒ 1. Anne Michaels
 - ☐ 2. Sarah J Maas
 - ☐ 3. J K Rowling
 - ☐ 4. Rick Riordan

Q.9 What is the primary purpose of the vertical planetary mixer developed by ISRO in Feb 2025?

- Ans**
- ☐ 1. To develop new materials for spacecraft
 - ☐ 2. To improve satellite communication systems
 - ☒ 3. To enhance the efficiency and safety of solid rocket motor manufacturing
 - ☐ 4. To create advanced propulsion systems for deep space missions

Q.10 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

VCJ RYF NUB JQX ?

- Ans**
- ☐ 1. FTN
 - ☒ 2. FMT
 - ☐ 3. FNT
 - ☐ 4. FTM

Q.11 In a certain code language,
A + B means 'A is the mother of B',
A - B means 'A is the brother of B',
A × B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

How is M related to Q if 'M + N - O ÷ P × Q'?

- Ans**
- ☐ 1. Wife's father's sister
 - ☒ 2. Wife's father's mother
 - ☐ 3. Wife's mother's mother
 - ☐ 4. Wife's mother's sister

Q.12 One pipe can fill the tank in 10 minutes while another pipe can empty completely filled tank in 20 minutes. If both the pipes are operated together on empty tank, how long (in minutes) will it take to fill the tank completely?

- Ans
- ☒ 1. 20
 - ☐ 2. 22
 - ☐ 3. 21
 - ☐ 4. 23

Q.13 While covering a distance of 37 km, a man noticed that after cycling for some time he was left with 19 km to go. What was his speed (in km/hr, rounded off to one decimal place)?

- Ans
- ☐ 1. 21.5
 - ☒ 2. 19.5
 - ☐ 3. 23.1
 - ☐ 4. 14.5

Q.14 Who took part in the 69th Session of the United Nations Commission on the Status of Women (UNCSW), held at the UN Headquarters in New York?

- Ans
- ☐ 1. Narendra Modi
 - ☒ 2. Annpurna Devi
 - ☐ 3. Rekha Gupta
 - ☐ 4. Sumita Dawra

Q.15 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All cars are buses.
All buses are trucks.
Some buses are ships.

Conclusions:

(I) Some ships are cars.
(II) All trucks are cars.

- Ans
- ☐ 1. Only conclusion (II) follows.
 - ☐ 2. Only conclusion (I) follows.
 - ☒ 3. Neither conclusion (I) nor (II) follows.
 - ☐ 4. Both conclusions (I) and (II) follow.

Q.16 The curved surface area of a right circular cone is $6500\pi \text{ cm}^2$, and the diameter of its base is 100 cm. Find the height (in cm) of the cone.

- Ans
- ☐ 1. 125
 - ☒ 2. 120
 - ☐ 3. 119
 - ☐ 4. 115

Q.17 What is the primary function of an operating system in a laptop?

- Ans
- ☒ 1. To manage hardware and software resources
 - ☐ 2. To edit videos
 - ☐ 3. To type documents
 - ☐ 4. To run internet browsers only

Q.18 Sachin bought the first pen for ₹630 and the second pen for ₹722, respectively. He sells the first pen at 70% of the profit but the buyer bargains for the price, and he has to offer a 9% discount and the second pen at 71% of the profit. Find the total profit he had in this transaction (correct to two decimal places).

- Ans**
- ☐ 1. ₹854.79
 - ☐ 2. ₹856.32
 - ☒ 3. ₹857.23
 - ☐ 4. ₹855.49

Q.19 Simplify: $194 + [6 \times (1 - 6 + 5)] \div 12$

- Ans**
- ☐ 1. 191
 - ☐ 2. 184
 - ☒ 3. 194
 - ☐ 4. 193

Q.20 Solve : $70 + \frac{72}{6} + 29 - 30$

- Ans**
- ☒ 1. 81
 - ☐ 2. 91
 - ☐ 3. 52
 - ☐ 4. 101

Q.21 The arithmetic mean of 25 real numbers is 110. If 10 numbers are increased by $12\frac{1}{2}$ each, another 10 numbers are increased by 15 each and the remaining 5 numbers are unaltered, then the new value of the arithmetic mean is:

- Ans**
- ☐ 1. 125
 - ☒ 2. 121
 - ☐ 3. 112
 - ☐ 4. 120

Q.22 Atul's salary is ₹10,000 per month. He spends ₹6,000 on house rent and ₹2,500 on bills, and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent all his monthly savings on birthday celebrations.

- Ans**
- ☐ 1. 18,000
 - ☒ 2. 16,500
 - ☐ 3. 15,000
 - ☐ 4. 13,500

Q.23 Who among the following was/were NOT part of the Santhal Rebellion?

- Ans**
- ☐ 1. Bhairav
 - ☐ 2. Chand
 - ☒ 3. Tana Bhagats
 - ☐ 4. Kanho

Q.24 Simplify the following.

$$(2x + 3)^2 - (x + 1)^2.$$

- Ans**
- ☒ 1. $3x^2 + 10x + 8$
 - ☐ 2. $4x^2 + 10x + 6$
 - ☐ 3. $4x^2 + 12x + 8$
 - ☐ 4. $3x^2 + 7x + 6$

Q.25 Which princely ruler patronised the Sikh community and institutions?

- Ans**
- ☒ 1. Bhupinder Singh of Patiala
 - ☐ 2. Gaikwad of Baroda
 - ☐ 3. Raja of Travancore
 - ☐ 4. Maharaja of Jaipur

Q.26 Which of the following acts authorised the Governor General to override his council in matters affecting the interest of British empire in India?

- Ans**
- ☐ 1. Charter Act of 1813
 - ☐ 2. Regulating Act 1773
 - ☐ 3. Pitt's India Act 1784
 - ☒ 4. Charter Act of 1793

Q.27 In 2025, which state launched a groundbreaking initiative aimed at eradicating mother-to-child transmission of HIV, syphilis, and Hepatitis B by 2026?

- Ans**
- ☒ 1. West Bengal
 - ☐ 2. Uttar Pradesh
 - ☐ 3. Bihar
 - ☐ 4. Madhya Pradesh

Q.28 Manjit spends 40% of his income. If he saves ₹18,000, then his income (in ₹) is:

- Ans**
- ☐ 1. 29,000
 - ☒ 2. 30,000
 - ☐ 3. 31,000
 - ☐ 4. 7,200

Q.29 If the mode of the following data is 140, then what is the value of x?

Class	125-130	130-135	135-140	140-145	145-150
Frequency	30	30	33	x	31

- Ans**
- ☐ 1. 46
 - ☐ 2. 34
 - ☒ 3. 33
 - ☐ 4. 47

Q.30 If '+' means '-', '-' means 'x', 'x' means '÷' and '÷' means '+', then what will come in place of the question mark (?) in the following equation?

$$502 \div 78 + 2 - 258 \times 2 = ?$$

- Ans**
- ☒ 1. 322
 - ☐ 2. 560
 - ☐ 3. 74562
 - ☐ 4. 124

Q.31 Find the value of m which satisfies $\left(\frac{29}{4}\right)^3 \times \left(\frac{4}{29}\right)^2 \times \left(\frac{29}{4}\right)^{11} = \left(\frac{4}{29}\right)^m$

Ans

☐ 1. $-\frac{10}{9}$

☐ 2. $-\frac{18}{9}$

☒ 3. $-\frac{19}{9}$

☐ 4. $-\frac{23}{9}$

Q.32 What happens if an Indian citizen voluntarily becomes a citizen of another country?

Ans

☐ 1. They must get government approval.

☐ 2. Nothing changes.

☒ 3. Their Indian citizenship ends automatically.

☐ 4. They become dual citizens.

Q.33 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 6154932, how many digits will appear more than once in the new number thus formed?

Ans

☐ 1. One

☒ 2. Two

☐ 3. Three

☐ 4. Four

Q.34 At what rate of interest (rounded off to two decimal places) per year will a sum of money double itself in 12 years on simple interest?

Ans

☒ 1. 8.33%

☐ 2. 6.33%

☐ 3. 16.67%

☐ 4. 10.33%

Q.35 In this question, a group of number/symbol is coded using letter codes as per the codes given below and the conditions which follow.
 The correct combination of codes (following only the condition/s that apply) is your answer.

Number/ Symbol	7	9	@	&	2	3	5	#	1	8	Δ	4	6
Code	L	C	Z	M	D	W	A	P	R	T	F	B	K

Conditions:

(i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an even number and the last an odd number, the first and last elements are to be coded as ©

(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

2 # @ 7 9

Ans

☐ 1. © PLZC

☐ 2. DPZL©

☒ 3. © PZL©

☐ 4. © PZLC

Q.36 Each of C, D, E, F, S, T and U has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Only two people have the exam before T. Only one person has the exam after D. Only three people have the exam between T and F. Only one person has the exam between E and C. U has the exam immediately before E. Who among the following has the exam on Friday?

- Ans**
- ☐ 1. T
 - ☒ 2. S
 - ☐ 3. U
 - ☐ 4. E

Q.37 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: LPR :: PSV : %

- Ans**
- ☐ 1. # = HMR, % = TVW
 - ☐ 2. # = FNR, % = RVM
 - ☐ 3. # = FMP, % = RUY
 - ☒ 4. # = HNT, % = TUT

Q.38 Which ruler regained his lost kingdom by 1555 after defeating Sher Shah Suri's successors, thereby marking the end of the Second Afghan Empire?

- Ans**
- ☒ 1. Humayun
 - ☐ 2. Muhammad bin Tughluq
 - ☐ 3. Aurangzeb
 - ☐ 4. Babur

Q.39 In a certain code language, 'GIVE' is coded as '4628' and 'VOLT' is coded as '3567'. What is the code for 'V' in the given code language?

- Ans**
- ☐ 1. 2
 - ☐ 2. 3
 - ☐ 3. 5
 - ☒ 4. 6

Q.40 Sunil starts from Point A and drives 11 km towards the south. He then takes a left turn, drives 3 km, turns left and drives 4 km. He then takes a left turn and drives 12 km. He takes a final right turn, drives 7 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degree turns only unless specified.)

- Ans**
- ☐ 1. 7 km to the east
 - ☐ 2. 8 km to the east
 - ☒ 3. 9 km to the east
 - ☐ 4. 9 km to the west

Q.41 Select the number from among the given options that can replace the question mark (?) in the following series.
37 55 66 84 95 113 ?

- Ans**
- ☐ 1. 145
 - ☐ 2. 131
 - ☐ 3. 166
 - ☒ 4. 124

Q.42 What should come in place of the question mark (?) in the given series?

802 800 796 790 782 ?

- Ans**
- ☐ 1. 770
 - ☒ 2. 772
 - ☐ 3. 774
 - ☐ 4. 776

Q.43 In a certain code language, 'pizza base queen' is coded as 'du su qw' and 'pig queen wave' is coded as 'ic fv su'. How is 'queen' coded in the given language?

- Ans**
- ☐ 1. qw
 - ☒ 2. su
 - ☐ 3. du
 - ☐ 4. ic

Q.44 The marked price of a desk is ₹7,725, which is 25% above the cost price. It is sold at a discount of 4% on the marked price. Find the profit percentage.

- Ans**
- ☐ 1. 21%
 - ☐ 2. 22%
 - ☐ 3. 19%
 - ☒ 4. 20%

Q.45 In April 2025, India and China initiated discussions to resume direct passenger flights that had been suspended since which year?

- Ans**
- ☒ 1. 2020
 - ☐ 2. 2021
 - ☐ 3. 2019
 - ☐ 4. 2022

Q.46 This question is based on the words given below.

(Left) ACT BUS CAR DAD (Right)

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding in the English alphabetical order. In how many letter clusters thus formed, will no vowel appear?

- Ans**
- ☐ 1. Two
 - ☐ 2. One
 - ☐ 3. None
 - ☒ 4. Three

Q.47 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

- Ans**
- ☒ 1. HK - LP
 - ☐ 2. OP - JK
 - ☐ 3. XY - ST
 - ☐ 4. KL - FG

Q.48 If 'S' stands for '-', 'Q' stands for 'x', 'R' stands for '+', and 'P' stands for '+', what will come in place of the question mark (?) in the following equation?

$$1 P 4 5 R 2 Q 2 S 4 = ?$$

- Ans**
- ☐ 1. 46
 - ☐ 2. 36
 - ☒ 3. 42
 - ☐ 4. 40

Q.49 In April 2025, Chief Justice Sanjiv Khanna named ____ as his successor, who will be the ____ upon appointment.

- Ans**
- ☐ 1. Justice Surya Kant; 51st Chief Justice of India
 - ☒ 2. Justice B R Gavai; 52nd Chief Justice of India
 - ☐ 3. Justice Hima Kohli; 53rd Chief Justice of India
 - ☐ 4. Justice B R Gavai; 53rd Chief Justice of India

Q.50 According to the Jal Jeevan Mission, what is the percentage target for rural households to receive tap water by 2024?

- Ans**
- ☐ 1. 50%
 - ☐ 2. 85%
 - ☒ 3. 100%
 - ☐ 4. 70%

Q.51 What is the main purpose of cache memory in a computer?

- Ans**
- ☐ 1. To permanently store user files
 - ☒ 2. To store frequently accessed data for quick retrieval
 - ☐ 3. To provide backup for RAM
 - ☐ 4. To serve as virtual memory

Q.52 AB is parallel to CD. A transversal PQ intersects AB and CD at E and F, respectively, and $\angle PEB = 56^\circ$. G is a point between AB and CD such that $\angle BEG = 32^\circ$ and $\angle GFE = 47^\circ$. What is the measure of $\angle EGF$?

- Ans**
- ☐ 1. 37°
 - ☒ 2. 41°
 - ☐ 3. 46°
 - ☐ 4. 29°

Q.53 Saura painting, a tribal art form, is traditionally practiced by communities in which Indian state?

- Ans**
- ☒ 1. Odisha
 - ☐ 2. Gujarat
 - ☐ 3. Rajasthan
 - ☐ 4. Madhya Pradesh

Q.54 What is the function of Alt + F2 in the Linux GNOME desktop environment?

- Ans**
- ☒ 1. Opens the Run Command dialog box
 - ☐ 2. Toggles between full-screen and windowed mode
 - ☐ 3. Closes the current application
 - ☐ 4. Refreshes the current window

Q.55 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans
- ☐ 1. SOM
 - ☐ 2. KGE
 - ☒ 3. DAX
 - ☐ 4. WSQ

Q.56 How many medals did India win in total at the World Para Athletics Grand Prix 2025?

- Ans
- ☐ 1. 120
 - ☐ 2. 150
 - ☐ 3. 180
 - ☒ 4. 134

Q.57 What was the major impact of penicillin's discovery?

- Ans
- ☐ 1. First antiviral drug for Human Immunodeficiency Virus (HIV)
 - ☐ 2. First drug for Rabies prevention and cure
 - ☒ 3. First effective antibiotic against bacterial infections
 - ☐ 4. First vaccine for prevention of smallpox

Q.58 What is the total length of the Mahanadi river?

- Ans
- ☐ 1. 567 km
 - ☐ 2. 351 km
 - ☒ 3. 851 km
 - ☐ 4. 200 km

Q.59 What was the Infant Mortality Rate (IMR) in India according to the Sample Registration System (SRS), 2019?

- Ans
- ☐ 1. 28 per 1000 live births
 - ☐ 2. 34 per 1000 live births
 - ☒ 3. 30 per 1000 live births
 - ☐ 4. 32 per 1000 live births

Q.60 The curved surface area of a right circular cone is $5400\pi \text{ cm}^2$, and the diameter of its base is 144 cm. Find the height (in cm) of the cone.

- Ans
- ☐ 1. 20
 - ☒ 2. 21
 - ☐ 3. 22
 - ☐ 4. 16

Q.61 Which of the following rivers is NOT a tributary of the Ganga but flows directly into the Bay of Bengal?

- Ans
- ☐ 1. Kosi
 - ☐ 2. Ghaghara
 - ☐ 3. Gomti
 - ☒ 4. Mahanadi

Q.62 The difference between the compound interest, compounded annually and the simple interest if ₹47,100 is deposited at 9% rate of interest per annum for 2 years is:

- Ans**
- ☐ 1. ₹391.81
 - ☐ 2. ₹391.21
 - ☐ 3. ₹382.71
 - ☒ 4. ₹381.51

Q.63 What percentage of seats are reserved for women under the 106th Amendment Act?

- Ans**
- ☐ 1. 25%
 - ☒ 2. 33%
 - ☐ 3. 50%
 - ☐ 4. 10%

Q.64 This question is based on the words given below.

(Left) DIE CUP BOX ASK (Right)

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding in the English alphabetical order. In how many letter clusters thus formed, will no vowel appear?

- Ans**
- ☐ 1. Three
 - ☒ 2. Two
 - ☐ 3. One
 - ☐ 4. None

Q.65 Which of the following farming practices is mostly practised in Northeast India and causes soil erosion?

- Ans**
- ☐ 1. Terrace farming
 - ☐ 2. Dairy farming
 - ☐ 3. Mixed farming
 - ☒ 4. Shifting agriculture

Q.66 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

FCA GDB HEC IFD ?

- Ans**
- ☐ 1. JGF
 - ☐ 2. JHE
 - ☒ 3. JGE
 - ☐ 4. JHF

Q.67 What is the discriminant of the equation $x^2 - 2x + 13 = 0$? Also, determine how many real solutions this equation has.

- Ans**
- ☐ 1. 40, Two equal roots
 - ☐ 2. 44, Two real roots
 - ☐ 3. 46, One real root
 - ☒ 4. -48, No real roots

Q.68 From a taxi stand, two cabs start at a speed of 74 km/hr at an interval of 28 minutes, both cabs travelling in the same direction. A man coming in the opposite direction towards the taxi stand meets the cabs at an interval of 10 minutes. Find the speed (in km/hr) of the man.

- Ans**
- ☐ 1. 143.1
 - ☒ 2. 133.2
 - ☐ 3. 125.5
 - ☐ 4. 128.8

Q.69 A vendor sold 5 chocolates for ₹1, thereby gaining 40%. How many chocolates did he buy for ₹1?

- Ans**
- ☐ 1. 9
 - ☐ 2. 13
 - ☐ 3. 11
 - ☒ 4. 7

Q.70 What is the primary function of the CPU in a computer system?

- Ans**
- ☐ 1. Connect input and output devices
 - ☐ 2. Manage the power supply
 - ☒ 3. Execute instructions and process data
 - ☐ 4. Store data permanently

Q.71 The popular folk dance of Bihar, which represents the love and quarrel of a married couple, is called:

- Ans**
- ☐ 1. Pata Kunittha
 - ☒ 2. Jat- Jatin
 - ☐ 3. Gaur Maria
 - ☐ 4. Singhi Chham

Q.72 Which ruler, upon his death in 1530, left behind a newly established empire that stretched across northern India—from the Indus River in the west to Bihar in the east, and from the Himalayas in the north to Gwalior in the south?

- Ans**
- ☒ 1. Babur
 - ☐ 2. Aurangzeb
 - ☐ 3. Alauddin Khalji
 - ☐ 4. Qutb ud-Din Aibak

Q.73 Kamlesh buys some sarees and suits for ₹10,000. The cost of each saree is ₹1,500, and the cost of each suit is ₹1,000. The total number of sarees and suits is 8. Find the number of suits and sarees.

- Ans**
- ☐ 1. 5 sarees and 3 suits
 - ☒ 2. 4 sarees and 4 suits
 - ☐ 3. 2 sarees and 6 suits
 - ☐ 4. 3 sarees and 5 suits

Q.74 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the question?

(NOTE – A two/three-digit number cannot be broken into individual digits for operations, e.g. if 37 is followed by 10, the operation cannot be $3+7$ as a two-digit number cannot be broken into individual digits.)

3 - 5 - 10 - 12 ; 8 - 10 - 20 - 22

- Ans**
- ☒ 1. 4 - 6 - 12 - 24
 - ☒ 2. 28 - 30 - 60 - 64
 - ☒ 3. 18 - 20 - 40 - 42
 - ☒ 4. 6 - 10 - 12 - 24

Q.75 Where did the two-day Chintan Shivir, held on 7-8 March 2025 to discuss preparations for the 2028 and 2036 Olympics, take place?

- Ans**
- ☒ 1. Bengaluru
 - ☒ 2. New Delhi
 - ☒ 3. Mumbai
 - ☒ 4. Hyderabad

Q.76 In holozoic nutrition, the first essential step for complex organisms is ____.

- Ans**
- ☒ 1. ingestion
 - ☒ 2. assimilation
 - ☒ 3. egestion
 - ☒ 4. absorption

Q.77 Which schedule allows for the creation of village councils or courts for tribal cases?

- Ans**
- ☒ 1. Sixth Schedule
 - ☒ 2. Seventh Schedule
 - ☒ 3. Fifth Schedule
 - ☒ 4. Tenth Schedule

Q.78 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: AND :: RWX : %

- Ans**
- ☒ 1. # = UTZ, % = OZV
 - ☒ 2. # = LCT, % = XQB
 - ☒ 3. # = OZV, % = LCT
 - ☒ 4. # = XQB, % = UTZ

Q.79 What was the theme of ICA Global Cooperative Conference in November 2024?

- Ans**
- ☒ 1. Sustainable Development through Cooperatives
 - ☒ 2. Cooperatives Build Prosperity for All
 - ☒ 3. Cooperatives for Economic Growth
 - ☒ 4. Cooperatives Build a Better World

Q.80 In which order did Mendeleev arrange the elements in his periodic table?

- Ans**
- ☒ 1. Increasing atomic number
 - ☒ 2. Increasing atomic mass
 - ☒ 3. Increasing number of neutrons
 - ☒ 4. Decreasing atomic radius

Q.81 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. P has the exam on Thursday. U has the exam on one of the days after R and on one of the days before T. V has the exam on one of the days after S but on one of the days before Q. S has the exam on one of the days after P. How many people have the exam before V?

- Ans**
- ☐ 1. 2
 - ☐ 2. 3
 - ☒ 3. 5
 - ☐ 4. 4

Q.82 When x is added to each of 26, 40, 22 and 34, then the numbers so obtained, in this order, are in proportion. Then, if $4x : y :: y : (7x-6)$, and $y > 0$, what is the value of y ?

- Ans**
- ☐ 1. 2
 - ☒ 2. 8
 - ☐ 3. 3
 - ☐ 4. 9

Q.83 What role did the Indian People's Theatre Association (IPTA) play during the British rule?

- Ans**
- ☐ 1. Supported the British war efforts
 - ☒ 2. Expressed dissent through art
 - ☐ 3. Promoted classical dance
 - ☐ 4. Encouraged the British education policy

Q.84 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$63 \div 12 - 98 \times 7 + 35 = ?$$

- Ans**
- ☒ 1. 735
 - ☐ 2. 745
 - ☐ 3. 742
 - ☐ 4. 736

Q.85 If $3.5 : 17.4 :: 14 : x$, find the value of x .

- Ans**
- ☐ 1. 65.9
 - ☐ 2. 72.9
 - ☒ 3. 69.6
 - ☐ 4. 67.9

Q.86 What is the ratio of the angles subtended by a chord at the centre of a circle to the angle subtended at any point on the circumference of the circle?

- Ans**
- ☐ 1. 1 : 2
 - ☐ 2. 1 : 3
 - ☐ 3. 3 : 1
 - ☒ 4. 2 : 1

Q.87 This question is based on the five, three-digit numbers given below.

(Left) 956 521 251 156 335 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the first digit of the lowest number?

- Ans**
- ☒ 1. 5
 - ☒ 2. 6
 - ☒ 3. 7
 - ☒ 4. 9

Q.88 How much percentage of rural families rely on agriculture, livestock and Non-Timber Forest Products (NTFP) for their livelihoods according to the Annual Report 2024-25, published by Ministry of Rural Development?

- Ans**
- ☒ 1. 95%
 - ☒ 2. 80%
 - ☒ 3. 70%
 - ☒ 4. 90%

Q.89 Suppose $x : y = 2 : 5$; $y : z = 4 : 7$. If ₹15,120 is distributed among x, y and z, then the amounts received by x, y and z, respectively, are (in ₹):

- Ans**
- ☒ 1. 2,500, 5,200 and 7,420
 - ☒ 2. 2,820, 4,500 and 7,800
 - ☒ 3. 1,920, 4,800 and 8,400
 - ☒ 4. 2,700, 6,000 and 6,420

Q.90 Which of the following best encapsulates the role of an operating system's kernel?

- Ans**
- ☒ 1. Offering a suite of utility programs for file management and system configuration
 - ☒ 2. Acting as the core interface between applications and the system hardware
 - ☒ 3. Providing the graphical user interface for user interaction
 - ☒ 4. Managing user accounts and access permissions

Q.91 What is the major constraint in dry land farming?

- Ans**
- ☒ 1. Low water availability
 - ☒ 2. Too much rainfall
 - ☒ 3. Use of hybrid seeds
 - ☒ 4. Lack of fertilisers

Q.92 Rajesh has 156 litres of Oil A and 256 litres of Oil B. He fills a number of identical containers with the two types of oil in a manner that each container has only one type of oil, and all containers are completely filled. What can be the maximum volume (in litres) of each container that Rajesh uses, so that all the oil that Rajesh has, of both the types, can be poured into these containers?

- Ans**
- ☒ 1. 10
 - ☒ 2. 4
 - ☒ 3. 13
 - ☒ 4. 6

Q.93 A, B, C, D, G, H, and I are sitting around a circular table facing the centre. Only two people sit between A and H when counted from the right of A. Only two people sit between H and D. Only three people sit between A and B. C sits to the immediate left of I.
Who sits third to the left of G?

- Ans**
- ☐ 1. H
 - ☒ 2. I
 - ☐ 3. C
 - ☐ 4. A

Q.94 After the 97th Constitutional Amendment, for how long can a state co-operative law that is inconsistent with the amendment remain in force?

- Ans**
- ☐ 1. 2 years
 - ☐ 2. 5 years
 - ☐ 3. 6 months
 - ☒ 4. 1 year

Q.95 Uday starts from Point A and drives 3 km towards south. He then takes a right turn, drives 2 km, turns left and drives 5 km. He then takes a right turn and drives 3 km. He takes a final right turn, drives 8 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again (all turns are 90° turns only unless specified)?

- Ans**
- ☐ 1. 4 km; East
 - ☒ 2. 5 km; East
 - ☐ 3. 3 km; East
 - ☐ 4. 5 km; West

Q.96 Each of T, U, V, W, X, Y and Z has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. X has an exam on the third day of the week. Only three people has an exam between X and T. Z has an exam immediately after V and Y has an exam immediately after Z. W does not have an exam on Monday. Who has an exam on Thursday?

- Ans**
- ☒ 1. V
 - ☐ 2. Z
 - ☐ 3. W
 - ☐ 4. T

Q.97 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

EL-GN-IK
GN-IP-KM

- Ans**
- ☒ 1. IP-KR-MO
 - ☐ 2. JP-KS-MQ
 - ☐ 3. IP-KR-MQ
 - ☐ 4. JP-KR-MQ

Q.98 P, Q, R, S, T, U and V are sitting around a circular table facing the centre. Only one person sits between R and T when counted from the left of T. Q sits third to the right of P. U sits third to the left of V. Q sits to the immediate right of U. S is not an immediate neighbour of U. How many people sit between S and T when counted from the right of S?

- Ans**
- ☐ 1. 2
 - ☐ 2. 4
 - ☒ 3. 3
 - ☐ 4. 1

Q.99 The angle of elevation of the top of a tower from a point on the ground away from the foot of the tower is 30° . Find the height of the tower.

- Ans
- ☒ 1. $16\sqrt{3}$ m
 - ☐ 2. $18\sqrt{3}$ m
 - ☐ 3. $15\sqrt{3}$ m
 - ☐ 4. $12\sqrt{3}$ m

Q.100 A group of people consists of men, women and children. Among them, 20% are men, 50% are women and the rest are children, and their average weights are 45 kg, 60 kg and 20 kg, respectively. The average weight (in kg) of the group is:

- Ans
- ☐ 1. 44
 - ☐ 2. 42
 - ☐ 3. 43
 - ☒ 4. 45



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	iON Digital Zone iDZ Ramtekdi 2
Test Date	05/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 If the selling price of a bed is 2-times of initial, then the profit is 10-times of initial.
Find the initial profit percentage (in %).

- Ans
- ☒ 1. 500
 - ☒ 2. 12.5
 - ☒ 3. 20
 - ☒ 4. 400

Q.2 From a taxi stand, two cabs start at a speed of 54 km/hr at an interval of 29 minutes, both cabs travelling in the same direction. A man coming in the opposite direction towards the taxi stand meets the cabs at an interval of 12 minutes. Find the speed (in km/hr) of the man.

- Ans
- ☒ 1. 82.1
 - ☒ 2. 74.8
 - ☒ 3. 80.4
 - ☒ 4. 76.5

Q.3 Which Article of the Indian Constitution explicitly declares laws violating Fundamental Rights as void?

- Ans
- ☒ 1. Article 226
 - ☒ 2. Article 143
 - ☒ 3. Article 32
 - ☒ 4. Article 13

Q.4 The term 'complementary' in the context of DNA refers to which of the following properties?

- Ans
- ☒ 1. Hydrogen bonding potential based on base specificity
 - ☒ 2. Matching number of sugar-phosphate units
 - ☒ 3. Parallel orientation of nucleotide chains
 - ☒ 4. Identical chemical composition of both strands

Q.5 Alok, Gita, and Suresh invest ₹56,000, ₹52,000, and ₹69,000 respectively to start a business. At the end of the year, the total profit earned is ₹76,700. 31% of the total profit earned is given to charity and the rest is divided among them in the ratio of their investment. What will be the share of Suresh (in ₹)?

- Ans**
- ☐ 1. 20,727
 - ☒ 2. 20,631
 - ☐ 3. 20,551
 - ☐ 4. 20,693

Q.6 A cook earns ₹8,400 per month. If she spends 60% of it each month, how much will she save (in ₹) by one-fourth of a year?

- Ans**
- ☐ 1. 7,200
 - ☐ 2. 12000
 - ☐ 3. 5,040
 - ☒ 4. 10,080

Q.7 $\frac{\sqrt[3]{1331}}{\sqrt[4]{10000}} \times \frac{5}{33} \times 30 =$

- Ans**
- ☐ 1. 13
 - ☒ 2. 5
 - ☐ 3. 6
 - ☐ 4. 9

Q.8 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is NOT based on the number of consonants/vowels or their position in the letter cluster)

- Ans**
- ☐ 1. GJ - HK
 - ☐ 2. KN - LO
 - ☐ 3. PS - QT
 - ☒ 4. DH - FP

Q.9 Who authored the book 'Hind Swaraj', which outlined the principles of non-violent resistance and self-rule?

- Ans**
- ☐ 1. Gopal Krishna Gokhale
 - ☐ 2. Bal Gangadhar Tilak
 - ☐ 3. Jawaharlal Nehru
 - ☒ 4. Mahatma Gandhi

Q.10 If '+' means '-', '-' means '×', '×' means '÷' and '÷' means '+', then what will come in place of the question mark (?) in the following equation?

$$13 - 780 \times 12 \div 16 + 32 = ?$$

- Ans**
- ☐ 1. 929
 - ☐ 2. 815
 - ☐ 3. 1232
 - ☒ 4. 829

Q.11 54 is related to 59 following a certain logic. Following the same logic, 30 is related to 35. To which of the following is 11 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☐ 1. 17
 - ☐ 2. 15
 - ☐ 3. 18
 - ☒ 4. 16

Q.12 This question is based on the five, three-digit numbers given below.

(Left) 662 268 547 409 909 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is subtracted from the first digit of the lowest number?

- Ans**
- ☐ 1. -4
 - ☐ 2. -8
 - ☒ 3. -7
 - ☐ 4. -6

Q.13 MILK is related to TPSR in a certain way based on the English alphabetical order. In the same way, POT is related to WVA. To which of the given options is NATION related, following the same logic?

- Ans**
- ☐ 1. UHAAUV
 - ☒ 2. UHAPVU
 - ☐ 3. UHAPUU
 - ☐ 4. UHAPUV

Q.14 Eklavya Model Residential Schools (EMRSs), the Government of India's education initiatives for tribal communities, were introduced in which year?

- Ans**
- ☐ 1. 2014-15
 - ☐ 2. 2018-19
 - ☐ 3. 1974-75
 - ☒ 4. 1997-98

Q.15 A body of mass 10 kg is moving with a uniform velocity of 5 m/s. What is the net force acting on it?

- Ans**
- ☐ 1. 50 N
 - ☐ 2. 10 N
 - ☐ 3. 2 N
 - ☒ 4. 0 N

Q.16 What is the mean of the following distribution?

Marks	19	36	60	69	85
No. of Students	63	62	59	17	70

- Ans
- ☐ 1. 54
 - ☒ 2. 52
 - ☐ 3. 77
 - ☐ 4. 34

Q.17 A conical vessel has base radius 31 cm and height 45 cm. Water is poi



- Ans
- ☐ 1. 9606π
 - ☒ 2. 9610π
 - ☐ 3. 9614π
 - ☐ 4. 9611π

Q.18 Given are the ages (in years) of five people: 20, 30, 35, 40 and 45. Calculate the average age in years.

- Ans
- ☐ 1. 30
 - ☐ 2. 35
 - ☐ 3. 32.5
 - ☒ 4. 34

Q.19 Who among the following received the Padma shri award in 2025 in the category of 'Others-Spiritualism' Posthumously?

- Ans
- ☐ 1. MD Srinivas
 - ☐ 2. Madugula Nagaphani Sarma
 - ☒ 3. Lama Lobzang
 - ☐ 4. Libia Lobo Sardesai

Q.20 The Shakas were defeated by which tribal group before entering India?

- Ans
- ☐ 1. The Parthians
 - ☐ 2. The Greeks
 - ☐ 3. The Huns
 - ☒ 4. The Yueh-chis

Q.21 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) 2 * 3 & @ @ 6 4 \$ @ 3 * % 6 2 1 3 9 7 8 2 € (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans
- ☐ 1. 5
 - ☐ 2. 3
 - ☒ 3. 2
 - ☐ 4. 4

Q.22 Under the Fifth Schedule, the Governor's regulations in Scheduled Areas can prohibit or restrict which of the following?

- Ans**
- ☐ 1. Tax collection
 - ☐ 2. Water usage
 - ☐ 3. Freedom of speech
 - ☒ 4. Land transfers

Q.23 In a bag containing red, green, and pink tokens, the ratio of red to green tokens was 7 : 20, while the ratio of pink to red tokens was 15 : 12. What was the ratio of green to pink tokens?

- Ans**
- ☒ 1. 16 : 7
 - ☐ 2. 11 : 5
 - ☐ 3. 19 : 12
 - ☐ 4. 25 : 7

Q.24 Which state has the longest coastline in mainland India?

- Ans**
- ☐ 1. Andhra Pradesh
 - ☐ 2. Maharashtra
 - ☒ 3. Gujarat
 - ☐ 4. Tamil Nadu

Q.25 On 26 March 2025, where was the 8th State Level Coordination Committee (SLCC) meeting conducted by the Reserve Bank of India (RBI)?

- Ans**
- ☐ 1. Guwahati
 - ☒ 2. Gangtok
 - ☐ 3. Kolkata
 - ☐ 4. Imphal

Q.26 A boat takes 51 minutes to go 10.2 km upstream. The ratio of the speed of the boat in still water to that of the stream is 7 : 6. How much total time (in hours) will the boat take to go 17.7 km upstream and 66.3 km downstream?

- Ans**
- ☐ 1. 3.4
 - ☒ 2. 1.9
 - ☐ 3. 0.3
 - ☐ 4. 2.1

Q.27 What happens if you try to open a MS PowerPoint presentation created in a newer version (e.g., MS PowerPoint 2021) in an older version (e.g., MS PowerPoint 2010)?

- Ans**
- ☐ 1. The file will be automatically converted to a PDF.
 - ☐ 2. The file will open normally with all features intact.
 - ☐ 3. MS PowerPoint will display an error and refuse to open the file.
 - ☒ 4. The file will open in Compatibility Mode with limited features.

Q.28 Select the pair that follows the same pattern as that followed by the two sets of pairs given below. Both pairs follow the same pattern.

PIL : TMP
NAP : RET

- Ans**
- ☐ 1. SPL : WLH
 - ☐ 2. BGM : GKQ
 - ☒ 3. SWT : WAX
 - ☐ 4. NLI : JPM

- Q.29** In a certain code language,
 $A + B$ means 'A is the mother of B',
 $A - B$ means 'A is the brother of B',
 $A \times B$ means 'A is the wife of B' and
 $A \div B$ means 'A is the father of B'.

How is M related to Q if ' $M + N \times O - P \div Q$ '?

- Ans** ☒ 1. Mother's brother's wife's sister
☒ 2. Father's brother's wife's mother
☒ 3. Mother's brother's wife's mother
☒ 4. Father's brother's wife's sister

- Q.30** A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	2	@	9	5	\$	&	3	%	#	7	+	4	8	6
Code	T	F	A	J	L	E	W	Q	D	P	R	B	U	S

Conditions:

If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.

If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.

If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

If none of the above conditions are met, then the elements are to be simply coded as per the codes given in the question.

What will be the code for the following group?

@ 2 4 7 +

- Ans** ☒ 1. RBBPF
☒ 2. FTBPR
☒ 3. RTBPF
☒ 4. FBBPR

- Q.31** Each of O, P, Q, R, S, T and U has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. S has an exam on Wednesday. R has an exam on one of the days after P and T has an exam on one of the days before Q. U has an exam immediately after O and S has an exam immediately before O. T has an exam on one of the days after U. How many people have an exam between S and Q?

- Ans** ☒ 1. Five
☒ 2. Two
☒ 3. Four
☒ 4. Three

- Q.32** What happens when you press the Delete key after selecting a file in File Explorer in Windows OS?

- Ans** ☒ 1. The file is permanently deleted.
☒ 2. The file is renamed.
☒ 3. The file is opened.
☒ 4. The file is sent to the Recycle Bin.

Q.33 A group of people consists of men, women and children. Among them, 20% are men, 50% are women and the rest are children, and their average weights are 45 kg, 50 kg and 50 kg, respectively. The average weight (in kg) of the group is:

- Ans**
- ☒ 1. 49
 - ☐ 2. 48
 - ☐ 3. 50
 - ☐ 4. 51

Q.34 What should come in place of the question mark (?) in the given series?

1001 1000 997 992 985 ?

- Ans**
- ☒ 1. 976
 - ☐ 2. 977
 - ☐ 3. 975
 - ☐ 4. 978

Q.35 Two pipes, A and B, can fill a tank of 7800 litres in 12 hours and 10 hours, respectively. If they are opened together, how many hours will they take to fill an empty tank of 8800 litres?

- Ans**
- ☐ 1. $\frac{88}{13}$ hours
 - ☒ 2. $\frac{80}{13}$ hours
 - ☐ 3. $\frac{89}{13}$ hours
 - ☐ 4. $\frac{70}{13}$ hours

Q.36 What type of memory is used to store data temporarily while a computer is running?

- Ans**
- ☒ 1. RAM
 - ☐ 2. Hard Disk
 - ☐ 3. Cache
 - ☐ 4. ROM

Q.37 In India, irrigation projects with a Cultivable Command Area (CCA) of more than 10,000 hectares are classified as:

- Ans**
- ☐ 1. Micro Projects
 - ☐ 2. Minor Projects
 - ☐ 3. Local Projects
 - ☒ 4. Major Projects

Q.38 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$54 \div 11 + 272 \times 8 - 114 = ?$

- Ans**
- ☐ 1. 673
 - ☐ 2. 672
 - ☒ 3. 674
 - ☐ 4. 675

Q.39 Which period in India's demographic history is marked by a sharp decline in mortality and persistently high fertility rates?

- Ans**
- ☐ 1. Phase I (1901–1921)
 - ☒ 2. Phase III (1951–1981)
 - ☐ 3. Phase IV (1981–2001)
 - ☐ 4. Phase II (1921–1951)

Q.40 Which of the following numbers is divisible by 7?

- Ans**
- ☒ 1. 875
 - ☐ 2. 894
 - ☐ 3. 687
 - ☐ 4. 87

Q.41 Bhawani Pathak and Devi Choudhurani were famous leaders associated with which of the following?

- Ans**
- ☐ 1. Indigo Rebellion
 - ☐ 2. Munda Rebellion
 - ☒ 3. Fakir and Sanyasi Rebellion
 - ☐ 4. Chuar Rebellion

Q.42 Which of the following statements is/are correct regarding the Indian National Congress (INC)?

- a) The INC was founded in 1885 by Allan Octavian Hume.
- b) The first session of the INC was held in Pune under the presidency of WC Bonnerjee.

- Ans**
- ☐ 1. Both a and b
 - ☐ 2. Only b
 - ☐ 3. Neither a nor b
 - ☒ 4. Only a

Q.43 How many unique characters can be represented using the standard ASCII code?

- Ans**
- ☐ 1. 64
 - ☐ 2. 512
 - ☐ 3. 256
 - ☒ 4. 128

Q.44 What is the fundamental difference between a 'cold boot' and a 'warm boot' of a computer system?

- Ans**
- ☐ 1. A cold boot is initiated by the user, while a warm boot is initiated by the operating system due to an error.
 - ☐ 2. A cold boot only reloads the kernel, while a warm boot reinitializes all hardware components.
 - ☒ 3. A cold boot restarts the operating system from a powered-off state, while a warm boot restarts it from a running state.
 - ☐ 4. A cold boot preserves the current state of applications, while a warm boot closes them.

Q.45 KF 17 is related to HB 6 in a certain way. In the same way, KH 12 is related to HD 1. To which of the following is LP –6 related following the same logic?

- Ans**
- ☐ 1. HI –18
 - ☐ 2. MP –13
 - ☒ 3. IL –17
 - ☐ 4. PL –19

- Q.46** A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/ Symbol	3	9	@	&	2	7	5	%	1	8	Δ	4	6
Code	L	C	Z	M	D	W	A	P	R	T	F	B	K

Conditions:

- (i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
- (ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
- (iii) If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?

@ 9 3 8 5

- Ans**
- ☒ 1. Z C B T A
 - ☒ 2. A C B T Z
 - ☒ 3. A C L T Z
 - ☒ 4. Z B C T A

- Q.47** Which of the following foods would you advise to neutralise excess stomach acids?

- Ans**
- ☒ 1. Baking soda
 - ☒ 2. Spicy peppers
 - ☒ 3. Lemon juice
 - ☒ 4. Vinegar

- Q.48** Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: LQT :: AJM : %

- Ans**
- ☒ 1. # = JRM, % = COP
 - ☒ 2. # = JPR, % = CKO
 - ☒ 3. # = JQM, % = CPK
 - ☒ 4. # = JPT, % = CKR

- Q.49** In 2025, which Indian state initiated scientific coal mining after a decade-long ban on unscientific mining practices?

- Ans**
- ☒ 1. Chhattisgarh
 - ☒ 2. Odisha
 - ☒ 3. Meghalaya
 - ☒ 4. Jharkhand

- Q.50** Under the Bharatmala Pariyojana, how many kilometres of roads are slated for development to improve border and international connectivity?

- Ans**
- ☒ 1. 2,000 km
 - ☒ 2. 9,000 km
 - ☒ 3. 5,000 km
 - ☒ 4. 7,000 km

Q.51 Each of C, D, E, F, S, T and U has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. F has the exam on Friday. Only two people have their exams between T and F. Only four people have their exams between E and T. S has the exam immediately after U. D does not have the exam on Monday. How many people have their exams before D and after C?

- Ans**
- ☐ 1. Two
 - ☒ 2. Four
 - ☐ 3. Three
 - ☐ 4. One

Q.52 If the ratio of two numbers is 17 : 6 and the product of their LCM and their HCF is 102, then the sum of the reciprocals of the LCM and the HCF is:

- Ans**
- ☒ 1. $\frac{103}{102}$
 - ☐ 2. $\frac{103}{132}$
 - ☐ 3. $\frac{105}{103}$
 - ☐ 4. $\frac{103}{109}$

Q.53 When was the Protection of Human Rights Act passed in India?

- Ans**
- ☐ 1. 2003
 - ☒ 2. 1993
 - ☐ 3. 2006
 - ☐ 4. 1996

Q.54 Which writer authored 'Baluta', recognised as the pioneering Dalit autobiographical work in the Marathi language?

- Ans**
- ☐ 1. Sharankumar Limbale
 - ☒ 2. Daya Pawar
 - ☐ 3. Omprakash Valmiki
 - ☐ 4. Namdeo Dhasal

Q.55 A vendor sold 4 chocolates for ₹1, thereby gaining 100%. How many chocolates did he buy for ₹1?

- Ans**
- ☐ 1. 14
 - ☐ 2. 12
 - ☒ 3. 8
 - ☐ 4. 10

Q.56 Akshat invested ₹90,625 at 8% p.a. for 1 year at compound interest, compounded half-yearly. The amount received by him is:

- Ans**
- ☐ 1. ₹98,984
 - ☐ 2. ₹98,802
 - ☒ 3. ₹98,020
 - ☐ 4. ₹98,837

Q.57 In March 2025, the Indian government sought parliamentary approval for additional spending. Which sector was allocated funds for upgrading networks in underserved areas?

- Ans**
- ☒ 1. Telecommunications
 - ☐ 2. Education
 - ☐ 3. Transportation
 - ☐ 4. Healthcare

Q.58 Following are the marks obtained by 5 students in a test: 45, 67, 80, 56 and 72. What is the range of the marks?

- Ans**
- ☒ 1. 35
 - ☐ 2. 45
 - ☐ 3. 40
 - ☐ 4. 80

Q.59 In an election, there were two candidates. One of the candidates secured 48% of the votes and was defeated by the other candidate by 756 votes. Find the total number of votes polled.

- Ans**
- ☐ 1. 19,500
 - ☐ 2. 17,800
 - ☐ 3. 15,600
 - ☒ 4. 18900

Q.60 What was the theme of the 18th Pravasi Bharatiya Divas (PBD) Convention held in January 2025?

- Ans**
- ☐ 1. Strengthening Bonds: The Indian Diaspora and India@75
 - ☒ 2. Diaspora's contribution to a Viksit Bharat
 - ☐ 3. Redefining Engagement with the Indian Diaspora
 - ☐ 4. Engaging Diaspora for a Self-Reliant India

Q.61 According to the State Bank of India (SBI) report on India's poverty rate for 2024, what is the estimated national poverty rate?

- Ans**
- ☐ 1. 5.5% to 6.0%
 - ☐ 2. 3.5% to 4.0%
 - ☒ 3. 4.0% to 4.5%
 - ☐ 4. 4.5% to 5.0%

Q.62 In a circle, the length of a chord is 12 cm and the perpendicular distance from the centre of the circle to the chord is 5 cm. What is the radius of the circle? (Rounded up to two decimal places.)

- Ans**
- ☐ 1. 9.87 cm
 - ☐ 2. 10.25 cm
 - ☒ 3. 7.81 cm
 - ☐ 4. 6.97 cm

Q.63 An article was bought for ₹1,300. Its price was marked up by 35%. Thereafter it was sold at a discount of 20% on the marked price. What was the percentage profit on the transaction?

- Ans**
- ☐ 1. 6%
 - ☐ 2. 10%
 - ☒ 3. 8%
 - ☐ 4. 7%

Q.64 Sudeep starts from Point A and drives 3 km towards south. He then takes a left turn, drives 4 km, turns right and drives 4 km. He then takes a left turn and drives 3 km. He takes a final left turn, drives 7 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again (all turns are 90° turns only unless specified)?

- Ans**
- ☐ 1. 6 km; West
 - ☐ 2. 7 km; East
 - ☒ 3. 7 km; West
 - ☐ 4. 6 km; East

Q.65 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. UT - WV
 - ☐ 2. SR - UT
 - ☐ 3. NM - PO
 - ☒ 4. NQ - RM

Q.66 Rajendra starts from point A and drives 9 km towards the north. He then takes a left turn, drives 7 km, turns left and drives 11 km. He then takes a left turn and drives 10 km. He takes a final left turn, drives 2 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90 degree turns only unless specified.)

- Ans**
- ☒ 1. 3 km to the west
 - ☐ 2. 2 km to the west
 - ☐ 3. 3 km to the east
 - ☐ 4. 1 km to the west

Q.67 At what rate of interest (in percentage) per year will a sum of money double itself in 5 years on simple interest?

- Ans**
- ☐ 1. 22%
 - ☐ 2. 40%
 - ☐ 3. 18%
 - ☒ 4. 20%

Q.68 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

JGM KHN LIO MJP ?

- Ans**
- ☒ 1. NKQ
 - ☐ 2. NKR
 - ☐ 3. NLQ
 - ☐ 4. NLR

Q.69 Who among the following was recognised in the 2025 TIME Earth Awards for environmental justice advocacy for marginalised communities?

- Ans**
- ☐ 1. Selassie Atadika
 - ☐ 2. Jay Inslee
 - ☐ 3. Michael Bloomberg
 - ☒ 4. Catherine Coleman Flowers

Q.70 If $x - \frac{1}{x} = 10$, then the value of $x^3 - \frac{1}{x^3}$ is:

- Ans
- ☐ 1. 1386
 - ☐ 2. 992
 - ☐ 3. 986
 - ☒ 4. 1030

Q.71 Simplify:

$$144 \div \left[\frac{8}{4} \times \{7 + 7 - (5 + 8 - (9 + 2))\} \right]$$

- Ans
- ☒ 1. 6
 - ☐ 2. 3
 - ☐ 3. 9
 - ☐ 4. 11

Q.72 A solid metallic sphere of radius 10 cm is melted and recast into 125 identical spheres. What is the ratio of the surface area of the original sphere to the total surface area of 6 smaller spheres so formed?

- Ans
- ☐ 1. 49 : 108
 - ☒ 2. 25 : 6
 - ☐ 3. 25 : 96
 - ☐ 4. 109 : 84

Q.73 L, M, N, O, P, Q, and R are sitting around a circular table facing the centre. M is sitting to the immediate right of Q and immediate left of O. N is sitting to the immediate right of O. P is sitting to the immediate left of L. R is sitting to the immediate right of L and immediate left of Q. The position of how many persons will remain unchanged if all the persons are arranged in alphabetical order in clockwise direction starting from L (including L)?

- Ans
- ☐ 1. 3
 - ☐ 2. 1
 - ☒ 3. 5
 - ☐ 4. 4

Q.74 India's first indigenous CAR-T therapy and gene therapy for Hemophilia, discussed during the 7th PM-STIAC meeting in January 2025, were presented by experts from which institutions?

- Ans
- ☐ 1. NIPER and PGIMER, Chandigarh
 - ☐ 2. CSIR and JIPMER, Puducherry
 - ☐ 3. IISc, Bengaluru, and AIIMS, Delhi
 - ☒ 4. IIT Bombay and St. John's Hospital, Bengaluru

Q.75 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 6435127, what will be the sum of the second digit from the left and the third digit from the right in the new number thus formed?

- Ans
- ☐ 1. 4
 - ☒ 2. 6
 - ☐ 3. 10
 - ☐ 4. 8

Q.76 Seven people, I, J, K, L, O, P and Q are sitting in a row, facing north. Only five people sit between L and Q. P sits to the immediate left of Q. Only one person sits between P and I. O sits at some place to the left of K but at some place to the right of J. Who sits third from the left end of the line?

- Ans**
- ☒ 1. P
 - ☒ 2. O
 - ☒ 3. Q
 - ☒ 4. J

Q.77 Who will be the first Indian astronaut to travel to the International Space Station (ISS) as part of Axiom Mission 4?

- Ans**
- ☒ 1. Rakesh Sharma
 - ☒ 2. Sunita Williams
 - ☒ 3. Ashish Khanna
 - ☒ 4. Shubhanshu Shukla

Q.78 Which of the following ratios is greatest?

- Ans**
- ☒ 1. 41 : 64
 - ☒ 2. 26 : 90
 - ☒ 3. 40 : 70
 - ☒ 4. 50 : 59

Q.79 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. The product of floors on which F and E live is 15. C lives immediately above B. The sum of floors on which D and E live is 7. How many people live between B and D?

- Ans**
- ☒ 1. 2
 - ☒ 2. 4
 - ☒ 3. 1
 - ☒ 4. 3

Q.80 What is the target number of houses to be built under the Pradhan Mantri Awas Yojana (Urban) by 2023-2024?

- Ans**
- ☒ 1. 2.67 crore
 - ☒ 2. 4.41 crore
 - ☒ 3. 1.89 crore
 - ☒ 4. 3.32 crore

Q.81 Which of the following regions in India is known for the Shola forests?

- Ans**
- ☒ 1. Eastern Ghats
 - ☒ 2. Western Ghats
 - ☒ 3. Sundarbans
 - ☒ 4. Thar Desert

Q.82 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

SKC WOG ASK EWO ?

- Ans**
- ☒ 1. IAS
 - ☒ 2. ISA
 - ☒ 3. AIS
 - ☒ 4. ASI

Q.83 Robin and Varun together can paint a hall in 6 days. Robin alone can paint it in 42 days. In how many days can Varun alone paint it?

- Ans ☒ 1. 10
☒ 2. 7
☒ 3. 9
☒ 4. 8

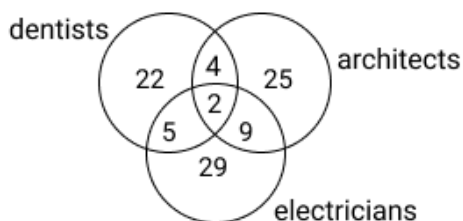
Q.84 If sum and product of the roots of a quadratic equation are $(4 - 3\sqrt{2})$ find the quadratic equation.

- Ans ☒ 1. $x^2 - (4 - 3\sqrt{2})x - 28 = 0$
☒ 2. $x^2 + (4 - 3\sqrt{2})x - 28 = 0$
☒ 3. $x^2 + (4 + 3\sqrt{2})x + 28 = 0$
☒ 4. $x^2 - (4 + 3\sqrt{2})x + 28 = 0$

Q.85 PM Modi's visit to which country in November 2024 marked the first by an Indian Prime Minister in 17 years?

- Ans ☒ 1. Ethiopia
☒ 2. Tanzania
☒ 3. Nigeria
☒ 4. Ghana

Q.86 Study the given Venn diagram carefully and answer the questions.



The numbers in different sections indicate the number of persons. How many electricians are there who are also architects but not dentists?

- Ans ☒ 1. 4
☒ 2. 5
☒ 3. 9
☒ 4. 2

Q.87 If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+', and 'D' stands for '-', what will come in place of the question mark (?) in the following equation?

$$45 \text{ B } 14 \text{ A } 21 \text{ D } 17 \text{ C } 25 = ?$$

- Ans ☒ 1. 54
☒ 2. 36
☒ 3. 42
☒ 4. 38

Q.88 Which criticism highlights the parliamentary system's departure from the principle of separation of powers?

- Ans ☒ 1. The President has absolute control over the Prime Minister.
☒ 2. The cabinet simultaneously leads the executive and legislature, creating fusion of powers.
☒ 3. The executive and legislature operate independently.
☒ 4. Ministers are appointed based on expertise rather than political affiliation.

Q.89 This question is based on the words given below.

(Left) BAD FIG ICE NOT (Right)

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding in the English alphabetical order. In how many letter clusters thus formed, will no vowel appear?

- Ans
- ☐ 1. One
 - ☒ 2. Two
 - ☐ 3. None
 - ☐ 4. Three

Q.90 Which institution has been established by the 74th Constitutional Amendment, 1992, to conduct municipal elections in each State?

- Ans
- ☐ 1. National Election Commission
 - ☐ 2. Regional Election Commission
 - ☐ 3. Local Election Commission
 - ☒ 4. State Election Commission

Q.91 What popular title is used to refer to the Bengali poet Jibanananda Das?

- Ans
- ☒ 1. Rupashi Banglar Kabi
 - ☐ 2. Jibon Kobi
 - ☐ 3. Bhasha Shaheed Kabi
 - ☐ 4. Kobiraj of Kolkata

Q.92 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Nu	4	@	7	#	3	&	8	*	2	^	9	\$	6	+
mb														
er/s														
ym														
bol														
Cod	H	A	J	B	K	C	L	D	M	E	N	F	P	G
e														

Conditions:

If the first element is a number and the last a symbol, the codes for these two (the first and the last elements) are to be interchanged.

If the first element is an even number and the last an odd number, the first and last elements are to be coded as 'I'.

If both second and third elements are perfect squares, the code of the third element will be the code for the second element.

What will be the code for the following group?

4739

- Ans
- ☐ 1. HJKN
 - ☐ 2. (KJ(
 - ☒ 3. (JK(
 - ☐ 4. HKJN

Q.93 The length of a vertical rod and its shadow are in the ratio of $2 : \sqrt{12}$

- Ans
- ☐ 1. 60°
 - ☐ 2. 45°
 - ☐ 3. 75°
 - ☒ 4. 30°

Q.94 What is the capital expenditure (CAPEX) allocated for Indian Railways in the financial year 2024-25?

- Ans
- ☒ 1. ₹2.62 lakh crore
 - ☐ 2. ₹1.76 lakh crore
 - ☐ 3. ₹2.20 lakh crore
 - ☐ 4. ₹3.00 lakh crore

Q.95 According to the Future of Jobs Report 2025, which of the following is identified as the most transformative trend for businesses by 2030?

- Ans
- ☒ 1. Broadening digital access
 - ☐ 2. Health and information processing
 - ☐ 3. Robotics and automation
 - ☐ 4. Energy generation and storage

Q.96 AB is parallel to CD. A transversal PQ intersects AB and CD at E and F, respectively, and $\angle PEB = 59^\circ$. G is a point between AB and CD such that $\angle BEG = 50^\circ$ and $\angle GFE = 33^\circ$. What is the measure of $\angle EGF$?

- Ans
- ☐ 1. 74°
 - ☐ 2. 88°
 - ☐ 3. 80°
 - ☒ 4. 76°

Q.97 Arvind is now 40 years old and Asha is 25 years old. How many years ago from now was Arvind four times as old as Asha?

- Ans
- ☐ 1. 15 years
 - ☒ 2. 20 years
 - ☐ 3. 10 years
 - ☐ 4. 25 years

Q.98 Who succeeded Chandragupta I as the ruler of the Gupta Empire?

- Ans
- ☐ 1. Ramagupta
 - ☐ 2. Skandagupta
 - ☒ 3. Samudragupta
 - ☐ 4. Kumaragupta

Q.99 Select the number from among the given options that can replace the question mark (?) in the following series.
62 61.1 60.2 59.3 58.4 57.5 ?

- Ans
- ☐ 1. 56.4
 - ☒ 2. 56.6
 - ☐ 3. 56.2
 - ☐ 4. 56.8

Q.100 The Waqf (Amendment) Act, 2025 introduced which significant change to the composition of Waqf Boards?

- Ans**
- ☐ 1. Privatisation of Waqf properties
 - ☐ 2. Abolition of State Waqf Boards
 - ☒ 3. Inclusion of non-Muslim members
 - ☐ 4. Exemption from government audits



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	iON Digital Zone iDZ Sanath Nagar
Test Date	06/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 Each of M, N, O, P, Q, R and S has an exam on a different day of the week, starting from Monday and ending on Sunday of the same week. S has an exam on Friday. Only two people have exams between S and R. O has an exam immediately before N. M has an exam immediately after P. S has an exam on one of the days after M. On which day does Q have an exam?

- Ans**
- ☒ 1. Sunday
 - ☒ 2. Wednesday
 - ☒ 3. Monday
 - ☒ 4. Friday

Q.2 What is India's renewable energy target by the year 2030 in terms of installed capacity?

- Ans**
- ☒ 1. 500 GW
 - ☒ 2. 300 GW
 - ☒ 3. 100 GW
 - ☒ 4. 175 GW

Q.3 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) 6 @ 8 £ 5 @ \$ 7 & 3 6 & # 9 # 1 * £ 5 (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by another number?

- Ans**
- ☒ 1. Two
 - ☒ 2. Three
 - ☒ 3. One
 - ☒ 4. Four

Q.4 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☒ 1. OP - KL
 - ☒ 2. MN - IJ
 - ☒ 3. LD - KH
 - ☒ 4. IJ - EF

Q.5 P, Q, R, S, T, U and V are sitting around a circular table facing the centre. Only three people sit between R and Q when counted from the left of R. Only three people sit between V and U when counted from the right of U. S sits to the immediate right of V. T is an immediate neighbour of U as well as Q. How many people sit between T and P when counted from the right of P?

- Ans**
- ☒ 1. 4
 - ☐ 2. 2
 - ☐ 3. 1
 - ☐ 4. 3

Q.6 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

Some deers are lions.
Some frogs are deers.
Some horses are lions.

Conclusions:

(I) Atleast some lions are frogs.
(II) Some deers are horses.

- Ans**
- ☐ 1. Only conclusion (I) follows.
 - ☒ 2. Neither conclusion (I) nor (II) follows.
 - ☐ 3. Only conclusion (II) follows.
 - ☐ 4. Both conclusions (I) and (II) follow.

Q.7 If 68 is the mean proportion between x and 272, what is the value of x?

- Ans**
- ☒ 1. 17
 - ☐ 2. 19
 - ☐ 3. 16
 - ☐ 4. 15

Q.8 What is the primary purpose of the American Standard Code for Information Interchange (ASCII)?

- Ans**
- ☒ 1. To define a standardised set of codes for representing text and control characters
 - ☐ 2. To create a programming language for text-based applications
 - ☐ 3. To design a graphical user interface for operating systems
 - ☐ 4. To enable secure encryption of data for internet transmission

Q.9 According to the Economic Survey 2025, what was the unemployment rate in India for 2023-24?

- Ans**
- ☐ 1. 5.2%
 - ☐ 2. 6.5%
 - ☐ 3. 4.5%
 - ☒ 4. 3.2%

Q.10 Find the simple interest (in ₹) if a sum of ₹350 is borrowed for 1.5 years at 20% per annum rate of interest.

- Ans**
- ☐ 1. 155
 - ☐ 2. 85
 - ☒ 3. 105
 - ☐ 4. 205

Q.11 What happens if a law is declared unconstitutional under judicial review?

- Ans**
- ☒ 1. It becomes null and void.
 - ☐ 2. It is amended by the President.
 - ☐ 3. It is sent back to the Parliament for reconsideration.
 - ☐ 4. It remains valid but unenforceable.

Q.12 The mode and median of a dataset is 52.7 and 65, respectively. What is the mean of the dataset? (Use empirical formula, and round off your answer to one decimal place.)

- Ans**
- ☐ 1. 68.2
 - ☐ 2. 77.8
 - ☐ 3. 62.5
 - ☒ 4. 71.2

Q.13 A, B, C, D, G, H, and I are sitting around a circular table facing the centre. H sits to the immediate right of D. Only three people sit between H and I when counted from the left of H. Only three people sit between D and C. A sits to the immediate right of G. How many people sit between D and G when counted from the right of G?

- Ans**
- ☒ 1. One
 - ☐ 2. Four
 - ☐ 3. Two
 - ☐ 4. Three

Q.14 Akshay spends 40% of his income. If he saves ₹24,000, then his income (in ₹) is:

- Ans**
- ☐ 1. 41,000
 - ☒ 2. 40,000
 - ☐ 3. 9,600
 - ☐ 4. 39,000

Q.15 Which command in Windows 10 CMD will delete all .log files in the current directory without asking for confirmation?

- Ans**
- ☐ 1. del *.log /p
 - ☐ 2. del *.log
 - ☒ 3. del *.log /q
 - ☐ 4. erase *.log

Q.16 Sachin's salary was first reduced by 16% and subsequently raised by 10%. What percentage was his final salary lower compared to his initial salary?

- Ans**
- ☐ 1. 10%
 - ☐ 2. 16%
 - ☒ 3. 7.6%
 - ☐ 4. 1.6%

Q.17 Article 31B was introduced to protect which type of laws from court challenges?

- Ans**
- ☐ 1. Environmental laws
 - ☒ 2. Land reform laws
 - ☐ 3. Taxation laws
 - ☐ 4. Language laws

Q.18 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) 4 6 & 8 \$ 7 & 3 9 # % 4 6 @ £ 5 Ω 9 # 1 * 7 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by another number?

- Ans**
- ☒ 1. Six
 - ☐ 2. Four
 - ☐ 3. Three
 - ☐ 4. Five

Q.19 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) 3 * 9 & % 4 6 @ 9 # 1 * £ 5 8 \$ 7 & 3 Ω (Right)

How many such symbols are there each of which is immediately preceded by a symbol and also immediately followed by a number?

- Ans**
- ☒ 1. Two
 - ☐ 2. One
 - ☐ 3. Three
 - ☐ 4. Four

Q.20 A group of numbers/symbols is coded using letter codes as per the codes given below and the conditions that follow. If none of the conditions apply, then codes for the respective number/symbol to be followed directly as given in the table.

Number/ Symbol	3	9	7	&	2	@	5	%	1	8	Δ	4	6
Code	L	C	Z	M	D	W	A	P	R	T	F	B	K

Conditions:

- (i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
- (ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
- (iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?

@ 9 7 8 3

- Ans**
- ☐ 1. W T C B L
 - ☐ 2. L C T B W
 - ☐ 3. T C B L W
 - ☒ 4. L C Z T W

Q.21 Which of the following is NOT one of the ten indicators used in calculating the Multidimensional Poverty Index (MPI)?

- Ans**
- ☐ 1. Access to electricity
 - ☐ 2. Nutrition
 - ☐ 3. Years of schooling
 - ☒ 4. Internet connectivity

Q.22 The sides (in cm) of a right triangle are $(x - 13)$, $(x - 26)$ and x . Its area (in cm^2) is:

- Ans
- ☒ 1. 1014
 - ☐ 2. 1010
 - ☐ 3. 1012
 - ☐ 4. 999

Q.23 In a certain code language,

A + B means 'A is the mother of B'
A - B means 'A is the brother of B'
A × B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

How is M related to Q if 'M + N + O × P - Q'?

- Ans
- ☐ 1. Brother's wife's mother's sister
 - ☒ 2. Brother's wife's father's mother
 - ☐ 3. Brother's wife's mother's mother
 - ☐ 4. Brother's wife's father's sister

Q.24 Find roots of $4m^2 + 6m + 2 = 0$

- Ans
- ☒ 1. $-\frac{1}{2}$ and -1
 - ☐ 2. $-\frac{1}{2}$ and 4
 - ☐ 3. $\frac{1}{2}$ and 1
 - ☐ 4. $-\frac{1}{2}$ and -4

Q.25 Which country hosted the 78th Cannes Film Festival in May 2025?

- Ans
- ☐ 1. Spain
 - ☐ 2. Germany
 - ☐ 3. The Netherlands
 - ☒ 4. France

Q.26 The marked price of a bookshelf is ₹3,100, which is 25% above the cost price. It is sold at a discount of 12% on the marked price. Find the profit percentage.

- Ans
- ☐ 1. 9%
 - ☐ 2. 11%
 - ☐ 3. 8%
 - ☒ 4. 10%

Q.27 ABCD is a trapezium in which $BC \parallel AD$ and $AC = CD$. If $\angle ABC$

- Ans
- ☐ 1. 10°
 - ☐ 2. 7°
 - ☐ 3. 14°
 - ☒ 4. 4°

Q.28 Which of the following soils has the highest water-retaining capacity?

- Ans**
- ☐ 1. Red soil
 - ☐ 2. Alluvial soil
 - ☒ 3. Black soil
 - ☐ 4. Desert soil

Q.29 What type of assistance is being provided by India to Myanmar under Operation Brahma 2025?

- Ans**
- ☒ 1. Disaster relief material, humanitarian assistance, search & rescue teams
 - ☐ 2. Only financial assistance
 - ☐ 3. Only food supplies
 - ☐ 4. Only medical assistance

Q.30 What was the main reason for the protest against the Simon Commission in 1928?

- Ans**
- ☐ 1. Discrimination against minorities
 - ☐ 2. High taxes
 - ☐ 3. Introduction of new laws
 - ☒ 4. Lack of Indian representation

Q.31 How many recognised styles of Vedic recitation (Pathas) are there?

- Ans**
- ☐ 1. Seven
 - ☐ 2. Nine
 - ☐ 3. Ten
 - ☒ 4. Eleven

Q.32 Select the number from among the given options that can replace the question mark (?) in the following series.
215 187 161 137 115 95 ?

- Ans**
- ☐ 1. 81
 - ☒ 2. 77
 - ☐ 3. 75
 - ☐ 4. 87

Q.33 If $x - \frac{1}{x} = 4$, then the value of $x^3 - \frac{1}{x^3}$ is:

- Ans**
- ☐ 1. 259
 - ☒ 2. 76
 - ☐ 3. 420
 - ☐ 4. 414

Q.34 What milestone did Virat Kohli achieve in the 2025 IPL season (as of 15 April, 2025)?

- Ans**
- ☒ 1. Registering a combined total of 1000 fours and sixes in IPL history
 - ☐ 2. Scoring 10,000 runs in the IPL
 - ☐ 3. Hitting 500 sixes in the IPL
 - ☐ 4. Winning 5 IPL titles

Q.35 In December 2024, Indian Navy Day was celebrated with which theme?

- Ans**
- ☐ 1. Blue Waters and Technological Strength for National Defence
 - ☐ 2. Innovation and Self-Reliance for Maritime Supremacy in India
 - ☒ 3. Strength and Power through Innovation and Indigenization
 - ☐ 4. Guardians of the Sea with Strategic Operational Excellence

Q.36 The Desert National Park is renowned for which endangered bird species?

- Ans
- ☐ 1. Bengal Florican
 - ☐ 2. Peacock
 - ☐ 3. Great Hornbill
 - ☒ 4. Great Indian Bustard

Q.37 If the selling price of a bed is 2-times of initial, then the profit is 11-times of initial. Find the initial profit percentage.

- Ans
- ☐ 1. 11%
 - ☐ 2. 9%
 - ☒ 3. $11\frac{1}{9}\%$
 - ☐ 4. $9\frac{2}{11}\%$

Q.38 NITI Aayog released the inaugural Fiscal Health Index (FHI) 2025. Which state topped the index with the highest overall score, indicating strong fiscal management?

- Ans
- ☐ 1. Karnataka
 - ☒ 2. Odisha
 - ☐ 3. Maharashtra
 - ☐ 4. Tamil Nadu

Q.39 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the question?

(NOTE - A two/three-digit number cannot be broken into individual digits for operations, e.g. if 37 is followed by 10, the operation cannot be $3+7$ as a two-digit number cannot be broken into individual digits.)

11 - 12 - 13 - 26 ; 19 - 20 - 21 - 42

- Ans
- ☐ 1. 3 - 4 - 5 - 12
 - ☐ 2. 4 - 5 - 6 - 10
 - ☐ 3. 9 - 10 - 11 - 24
 - ☒ 4. 7 - 8 - 9 - 18

Q.40 Evan starts from point A and drives 12 km towards west. He then takes a left turn, drives 6 km, turns left and drives 4 km. He then takes a right turn and drives 2 km. He then takes a right turn and drive 3 km. He then takes a left turn and drives 3 km. He takes a final left turn, drives 11 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again (all turns are 90° turns only unless specified)?

- Ans
- ☐ 1. 11 km south
 - ☐ 2. 9 km south
 - ☐ 3. 12 km north
 - ☒ 4. 11 km north

Q.41 A patient lacking bile production would suffer from deficiency in absorption of _____.

- Ans
- ☐ 1. glucose
 - ☐ 2. amino acids
 - ☐ 3. water
 - ☒ 4. fat-soluble vitamins

Q.42 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: MLD :: VAM : %

- Ans**
- ☒ 1. # = YFP, % = BKS
 - ☒ 2. # = PQG, % = SVJ
 - ☒ 3. # = SVJ, % = YFP
 - ☒ 4. # = BKS, % = PQG

Q.43 DREAM is related to ZNAWI in a certain way based on the English alphabetical order. In the same way, DANCE is related to ZWJYA. To which of the given options is DOUBT related, following the same logic?

- Ans**
- ☒ 1. ZKKXP
 - ☒ 2. ZKVXP
 - ☒ 3. ZKPXP
 - ☒ 4. ZKQXP

Q.44 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

VQL TOJ RMH PKF ?

- Ans**
- ☒ 1. NID
 - ☒ 2. NDI
 - ☒ 3. DNI
 - ☒ 4. DIN

Q.45 A vendor bought lemons at 7 for ₹1. How many lemons must he sell for ₹1 to gain 40%?

- Ans**
- ☒ 1. 9
 - ☒ 2. 5
 - ☒ 3. 7
 - ☒ 4. 6

Q.46 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged, and 'x' and '÷' are interchanged?

$56 - 12 \times 4 \div 9 + 5 = ?$

- Ans**
- ☒ 1. 78
 - ☒ 2. 90
 - ☒ 3. 55
 - ☒ 4. 54

Q.47 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. F lives on an even numbered floor but not 6. The sum of floors on which D and F live is 7. B lives immediately above A. The sum of floors on which F and C live is 3. How many people live between B and F?

- Ans**
- ☒ 1. Two
 - ☒ 2. One
 - ☒ 3. Three
 - ☒ 4. Four

Q.48 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

NKR PMT ROV TQX ?

- Ans**
- ☐ 1. VSY
 - ☐ 2. VRZ
 - ☐ 3. VRY
 - ☒ 4. VSZ

Q.49 When was the protection and improvement of environment and safeguarding of forests and wildlife as a directive added in the Constitution of India?

- Ans**
- ☐ 1. 2011
 - ☐ 2. 2002
 - ☐ 3. 1978
 - ☒ 4. 1976

Q.50 What happens to the particles of a substance when it is heated?

- Ans**
- ☐ 1. They stop moving
 - ☒ 2. They move faster
 - ☐ 3. They disappear
 - ☐ 4. They move slower

Q.51 X, Y and Z invest a sum in the ratio 6 : 59 : 41 respectively. If they earned total profit of ₹3,180 at the end of year, then what is the difference between the share of Y and Z?

- Ans**
- ☐ 1. ₹634
 - ☐ 2. ₹432
 - ☒ 3. ₹540
 - ☐ 4. ₹484

Q.52 One pipe can fill the tank in 21 minutes while another pipe can empty completely filled tank in 24 minutes. If both the pipes are operated together on empty tank, how long (in minutes) will it take to fill one-fourth of the tank?

- Ans**
- ☐ 1. 126
 - ☐ 2. 84
 - ☐ 3. 168
 - ☒ 4. 42

Q.53 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☒ 1. PRV
 - ☐ 2. GID
 - ☐ 3. NPK
 - ☐ 4. SUP

Q.54 $6893.5 \times 603.3 \times 0.3019$ is equal in value to:

- Ans**
- ☒ 1. $68.935 \times 6033 \times 3.019$
 - ☐ 2. $6.8935 \times 60.33 \times 30.19$
 - ☐ 3. $6.8935 \times 6.033 \times 301.9$
 - ☐ 4. $689.35 \times 603.3 \times 301.9$

Q.55 Kanishka, the Kushana ruler, was a patron of which religion?

- Ans**
- ☒ 1. Buddhism
 - ☐ 2. Christianity
 - ☐ 3. Zoroastrianism
 - ☐ 4. Jainism

Q.56 According to luxury resort developer Fine Acers 2025, the market for branded residences and resorts in India is expected to reach ₹8,610 crore (US\$ 1 billion) by .

- Ans**
- ☒ 1. 2027
 - ☐ 2. 2029
 - ☐ 3. 2028
 - ☐ 4. 2026

Q.57 Which of the following statements about Exercise CYCLONE, conducted in February 2025 is/are correct?

1. It was held at Mahajan Field Firing Ranges in Rajasthan.
2. The participating countries were India and Egypt.
3. The exercise focussed on artillery training of joint forces.

- Ans**
- ☐ 1. Only 2
 - ☐ 2. Only 1
 - ☐ 3. 1, 2 and 3
 - ☒ 4. Only 1 and 2

Q.58 What is the average of the first 10 prime numbers?

- Ans**
- ☐ 1. 16
 - ☒ 2. 12.9
 - ☐ 3. 14
 - ☐ 4. 15.8

Q.59 Who among the following is NOT considered a leader of the Moderates in the Indian National Congress?

- Ans**
- ☐ 1. Ferozshah Mehta
 - ☒ 2. Aurobindo Ghosh
 - ☐ 3. Dadabhai Naoroji
 - ☐ 4. Gopal Krishna Gokhale

Q.60 What powers were reinstated to the States by the 105th Constitutional Amendment Act?

- Ans**
- ☐ 1. Power to form new states
 - ☐ 2. Power to levy GST
 - ☒ 3. Power to identify Socially and Educationally Backward Classes (SEBCs), including Other Backward Classes (OBCs)
 - ☐ 4. Power to decide election dates

Q.61 The average of 10 observations is 40. It was realised later that an observation was misread as 33 in place of 50. Find the correct average.

- Ans**
- ☒ 1. 41.7
 - ☐ 2. 40.7
 - ☐ 3. 42.7
 - ☐ 4. 44.7

Q.62 Simplify: $127 - [7 \times (1 - 5 + 4)] \div 91$

- Ans
- ☐ 1. 135
 - ☐ 2. 133
 - ☐ 3. 118
 - ☒ 4. 127

Q.63 If $\tan \theta = \frac{7}{8}$, then evaluate $\frac{(1 + \sin \theta)(1 - \sin \theta)}{(1 + \cos \theta)(1 - \cos \theta)(\cot \theta)}$.

- Ans
- ☐ 1. $\frac{64}{49}$
 - ☐ 2. $\frac{49}{64}$
 - ☐ 3. $\frac{7}{8}$
 - ☒ 4. $\frac{8}{7}$

Q.64 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Only four boxes are kept between D and F. Only A is kept above D. Only two boxes are kept between C and G. E is kept immediately above B. G is not kept immediately above E. How many boxes are kept below E?

- Ans
- ☐ 1. 1
 - ☒ 2. 3
 - ☐ 3. 2
 - ☐ 4. 4

Q.65 In Gond painting, what is the traditional name given to the handmade brush used by artists locally?

- Ans
- ☐ 1. Kalam
 - ☐ 2. Likhani
 - ☒ 3. Koochi
 - ☐ 4. Kaadi

Q.66 Which of the following actors was honoured with the 2025 International Goya Award for his contributions to global cinema?

- Ans
- ☐ 1. Cate Blanchett
 - ☒ 2. Richard Gere
 - ☐ 3. Juliette Binoche
 - ☐ 4. Sigourney Weaver

Q.67 Manoj has 200 litres of Oil A and 274 litres of Oil B. He fills a number of identical containers with the two types of oil in a manner that each container has only one type of oil, and all containers are completely filled. What can be the maximum volume (in litres) of each container that Manoj uses, so that all the oil that Manoj has, of both the types, can be poured into these containers?

- Ans
- ☒ 1. 2
 - ☐ 2. 8
 - ☐ 3. 10
 - ☐ 4. 3

Q.68 Which factor plays the most dominant role in the seasonal reversal of wind direction in India?

- Ans**
- ✓ 1. Monsoonal pressure system
 - ✗ 2. Ocean currents
 - ✗ 3. Relief
 - ✗ 4. Latitude

Q.69 What happens when an Indian citizen renounces their citizenship?

- Ans**
- ✗ 1. They are fined.
 - ✗ 2. They become a foreign diplomat.
 - ✗ 3. Nothing changes.
 - ✓ 4. They lose their Indian citizenship.

Q.70 Shyam starts from point A and drives 11 km towards the east. He then takes a right turn, drives 5 km, turns right and drives 12 km. He then takes a right turn and drives 10 km. He takes a final right turn, drives 1 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90 degree turns only unless specified.)

- Ans**
- ✓ 1. 5 km to the south
 - ✗ 2. 4 km to the north
 - ✗ 3. 4 km to the south
 - ✗ 4. 5 km to the north

Q.71 Who were the winners of the Balbir Singh Sr Award for Player of the Year 2025 in the men's and women's categories?

- Ans**
- ✗ 1. PR Sreejesh and Navjot Kaur
 - ✗ 2. Manpreet Singh and Rani Rampal
 - ✗ 3. Harmanpreet Singh and Vandana Katariya
 - ✓ 4. Harmanpreet Singh and Savita Punia

Q.72 In a certain code language, 'MUTE' is coded as '3517' and 'EARS' is coded as '2458'. What is the code for 'E' in the given code language?

- Ans**
- ✗ 1. 8
 - ✗ 2. 2
 - ✗ 3. 7
 - ✓ 4. 5

Q.73 Which of the following characters is NOT allowed in a filename when renaming in Windows?

- Ans**
- ✗ 1. - (hyphen)
 - ✗ 2. _ (underscore)
 - ✗ 3. # (hash)
 - ✓ 4. ? (question mark)

Q.74 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1437586, what will be difference between the highest and lowest digits in the number thus formed?

- Ans**
- ✗ 1. 4
 - ✓ 2. 6
 - ✗ 3. 1
 - ✗ 4. 7

Q.75 A man has to cover a distance of 387 km in 21 hours. If he covers two-thirds of the distance, then what should his speed (in km/hr) be to cover the remaining distance?

- Ans**
- ☐ 1. 11.5
 - ☐ 2. 8.6
 - ☐ 3. 15.5
 - ☒ 4. 21.5

Q.76 If 24 is subtracted from three times an unknown number, the difference is 258. What is the unknown number?

- Ans**
- ☐ 1. 78
 - ☐ 2. 70
 - ☒ 3. 94
 - ☐ 4. 82

Q.77 In a certain code language, 'joy lab poet' is coded as 'to dl dh' and 'poet win union' is coded as 'dl fo kb'. How is 'poet' coded in the given language?

- Ans**
- ☐ 1. fo
 - ☐ 2. to
 - ☐ 3. dh
 - ☒ 4. dl

Q.78 When x is added to each of 22, 26, 19 and 21, then the numbers so obtained, in this order, are in proportion. Then, if $2x : y :: y : (4x-8)$, and $y > 0$, what is the value of y?

- Ans**
- ☐ 1. 54
 - ☐ 2. 46
 - ☒ 3. 48
 - ☐ 4. 37

Q.79 Which one is NOT the method to search for and replace text in Microsoft Word?

- Ans**
- ☐ 1. Go to the 'Home' tab and select 'Replace'.
 - ☐ 2. Click 'Edit' and then select 'Find and Replace'.
 - ☐ 3. Press Ctrl + H to open the Find and Replace window
 - ☒ 4. Click on Alt + Enter key

Q.80 The difference between the compound interest, compounded annually and the simple interest if ₹17,700 is deposited at 4% rate of interest per annum for 2 years is:

- Ans**
- ☐ 1. ₹18.12
 - ☒ 2. ₹28.32
 - ☐ 3. ₹27.62
 - ☐ 4. ₹33.42

Q.81 WJ 15 is related to UN 11 in a certain way. In the same way, QH 8 is related to OL 4. To which of the given options is RI 3 related, following the same logic?

- Ans**
- ☐ 1. IN -9
 - ☐ 2. PL -7
 - ☐ 3. TR -5
 - ☒ 4. PM -1

Q.82 If Vishal covers 184 km in a boat in 48 hours against the stream and he takes 12 hours with the stream, then find the speed of the stream.

- Ans**
- ☐ 1. 14.36 km/hr
 - ☒ 2. 5.75 km/hr
 - ☐ 3. 13.66 km/hr
 - ☐ 4. 10.64 km/hr

Q.83 Which of the following statements is NOT correct with reference to the p-block elements?

- Ans**
- ☐ 1. They include non-metals and noble gases.
 - ☒ 2. They are also called transition elements.
 - ☐ 3. Their outermost configuration varies from ns^2np^1 to ns^2np^6 .
 - ☐ 4. They belong to Groups 13 to 18.

Q.84 A and B can do a job in 25 days and 18 days, respectively. A works alone for 4 days and leaves. The number of days required by B to complete the remaining job is:

- Ans**
- ☐ 1. $16\frac{3}{25}$
 - ☐ 2. $17\frac{4}{26}$
 - ☒ 3. $15\frac{3}{25}$
 - ☐ 4. $15\frac{3}{26}$

Q.85 The arithmetic mean of the observations 28, 31, 40, 63, 57, 37, 34, 70 and 99 is:

- Ans**
- ☐ 1. 41
 - ☐ 2. 50
 - ☒ 3. 51
 - ☐ 4. 55

Q.86 The India-Bhutan boundary is primarily defined by which of these?

- Ans**
- ☐ 1. Trade posts
 - ☒ 2. Mountains and treaties
 - ☐ 3. Desert
 - ☐ 4. Border fencing

Q.87 The sides of a rectangular field are 169 m and 154 m long. Its area is equal to the area of a circular field. What is the circumference (in m) of the circular field?

Take $\pi = \frac{22}{7}$

- Ans**
- ☒ 1. 572
 - ☐ 2. 525
 - ☐ 3. 540
 - ☐ 4. 544

Q.88 Which of the following is the correct way to start a new blank presentation in MS PowerPoint?

- Ans**
- ☐ 1. Press Ctrl + O
 - ☐ 2. Click Insert → New Slide
 - ☒ 3. Press Ctrl + N
 - ☐ 4. Click File → Open

Q.89 Each of the digits in the number 8142769 is arranged in the ascending order from left to right. Which of the following digits will be fourth from the left in the new number thus formed?

- Ans**
- ☒ 1. 6
 - ☐ 2. 2
 - ☐ 3. 8
 - ☐ 4. 4

Q.90 Simplify: $\sqrt[6]{729} + \sqrt[4]{65536} + \sqrt[3]{5832} + \sqrt{1764}$

- Ans**
- ☐ 1. 121
 - ☐ 2. 65
 - ☒ 3. 79
 - ☐ 4. 133

Q.91 The 2025 World Economic Forum introduced which initiative focusing on India's role in global geopolitics and innovation?

- Ans**
- ☐ 1. India Rising
 - ☐ 2. Bharat 2030
 - ☐ 3. Indo-Pacific Forum
 - ☒ 4. Global India Dialogues

Q.92 What should come in place of the question mark (?) in the given series?

901 900 897 892 885 ?

- Ans**
- ☒ 1. 876
 - ☐ 2. 875
 - ☐ 3. 877
 - ☐ 4. 873

Q.93 RD 14 is related to UF 10 in a certain way. In the same way, CR 10 is related to FT 6. To which of the given options is ON 1 related, following the same logic?

- Ans**
- ☐ 1. QF -7
 - ☐ 2. PR -9
 - ☐ 3. RS -1
 - ☒ 4. RP -3

Q.94 Find the volume (in cm^3) of the largest right circular cone that can be cut out from a cube with an edge of 8 cm.

Use $\pi = \frac{22}{7}$

Ans

✓ 1. $134\frac{2}{21}$

✗ 2. $138\frac{2}{21}$

✗ 3. $136\frac{2}{21}$

✗ 4. $127\frac{2}{21}$

Q.95 How many new greenfield expressways are targeted for construction in India by the financial year 2024-25?

Ans

✓ 1. 22

✗ 2. 30

✗ 3. 15

✗ 4. 10

Q.96 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$66 \div 8 - 231 \times 11 + 14 = ?$

Ans

✗ 1. 525

✗ 2. 545

✗ 3. 515

✓ 4. 535

Q.97 During which dynasty did the Mongols, led by Qultlug Khwaja, besiege Delhi and inflict significant damage?

Ans

✗ 1. Mughal Dynasty

✓ 2. Khalji Dynasty

✗ 3. Suri Dynasty

✗ 4. Sayyid Dynasty

Q.98 When were privy purses officially abolished in India?

Ans

✗ 1. 1980

✗ 2. 1956

✗ 3. 1969

✓ 4. 1971

Q.99 What type of coastal plain are the Western Coastal Plains of India classified as?

Ans

✗ 1. Emergent coastal plain

✗ 2. Deltaic coastal plain

✗ 3. Tidal coastal plain

✓ 4. Submerged coastal plain

Q.100 In March 2025, which wildlife sanctuary in Punjab was proposed to be developed into a leopard safari to boost eco-tourism?

- Ans**
- ☐ 1. Abohar Wildlife Sanctuary
 - ☒ 2. Jhajjar-Bachauli Wildlife Sanctuary
 - ☐ 3. Bir Moti Bagh Wildlife Sanctuary
 - ☐ 4. Harike Wildlife Sanctuary



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	iON Digital Zone iDZ Ramtekdi 3
Test Date	06/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 Find the surface area of a sphere whose diameter is equal to 112 cm.

- Ans** ☒ 1. 39,424 cm²
☒ 2. 36,976 cm²
☒ 3. 38,980 cm²
☒ 4. 37,948 cm²

Q.2 GV 14 is related to LS 5 in a certain way. In the same way, HQ 5 is related to MN -4. To which of the given options is MG 0 related, following the same logic?

- Ans** ☒ 1. BG -7
☒ 2. NY -6
☒ 3. HR -3
☒ 4. RD -9

Q.3 2% of 50% of a number is what percentage of that number?

- Ans** ☒ 1. 52%
☒ 2. 0.1%
☒ 3. 100%
☒ 4. 1%

Q.4 Piyush ranked 24th from the top and 55th from the bottom in his class. How many students are there in his class?

- Ans** ☒ 1. 78
☒ 2. 76
☒ 3. 77
☒ 4. 79

Q.5 Under the Digital Agriculture Mission launched in 2024, which of the following is/are among the foundational registries of AgriStack?

1. Farmers' Registry
2. Village Panchayat Audit Database
3. Crop Sown Registry

- Ans** ☒ 1. 2 and 3 only
☒ 2. 1 and 3 only
☒ 3. 1 only
☒ 4. All 1, 2, and 3

Q.6 A man has to cover a distance of 753 km in 12 hours. If he covers two-thirds of the distance in 8 hours, then what should his speed (in km/hr) be to cover the remaining distance?

- Ans
- ☒ 1. 41.8
 - ☒ 2. 52.25
 - ☒ 3. 62.75
 - ☒ 4. 31.3

Q.7 Find the angle of elevation of the top of a $250\sqrt{3}$ m high tower, from which is 250 m away from its foot.

- Ans
- ☒ 1. 60°
 - ☒ 2. 30°
 - ☒ 3. 45°
 - ☒ 4. 75°

Q.8 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: RND :: QRX : %

- Ans
- ☒ 1. # = PMB, % = SSZ
 - ☒ 2. # = MRQ, % = HHN
 - ☒ 3. # = PQC, % = YYP
 - ☒ 4. # = MQB, % = FFT

Q.9 The mode of the observations 4, 3, 8, 7, 3, 7, 3, 1, 1, 3, 8, 3, 3, 5 and 3 is:

- Ans
- ☒ 1. 4
 - ☒ 2. 8
 - ☒ 3. 7
 - ☒ 4. 3

Q.10 The mode and median of a data set is 89.7 and 32, respectively. What is the mean of the data set? (Use empirical formula.)

- Ans
- ☒ 1. 3.15
 - ☒ 2. 2.6
 - ☒ 3. 5.9
 - ☒ 4. 11.26

Q.11 In which city of India was the Arctic Circle India Forum held on 3-4 May 2025?

- Ans
- ☒ 1. New Delhi
 - ☒ 2. Chandigarh
 - ☒ 3. Kolkata
 - ☒ 4. Patna

Q.12 What is the purpose of pressing Alt + Tab on the keyboard of a computer system?

- Ans
- ☒ 1. Minimises all windows
 - ☒ 2. Switches between open applications
 - ☒ 3. Shuts down the system
 - ☒ 4. Opens Task Manager

Q.13 A vendor bought lemons at 6 for ₹1. How many lemons must he sell for ₹1 to gain 100%?

- Ans**
- ☐ 1. 4
 - ☐ 2. 5
 - ☒ 3. 3
 - ☐ 4. 7

Q.14 Who among the following won the 2024 Booker Prize, and what is the title of the winning novel?

- Ans**
- ☐ 1. Percival Everett – James
 - ☐ 2. Anne Michaels – Held
 - ☒ 3. Samantha Harvey – Orbital
 - ☐ 4. Rachel Kushner – Creation Lake

Q.15 This question is based on the five, three-digit numbers given below.

(Left) 910 316 525 204 303 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is added to the second digit of the lowest number?

- Ans**
- ☐ 1. 8
 - ☒ 2. 9
 - ☐ 3. 12
 - ☐ 4. 10

Q.16 The simplified value of $66 - 4 \times (30 + 3) + 40$ is:

- Ans**
- ☐ 1. -27
 - ☒ 2. -26
 - ☐ 3. -29
 - ☐ 4. -33

Q.17 Which movement or idea is associated with the Wardha Scheme of Basic Education proposed in 1937?

- Ans**
- ☒ 1. Nai Talim or Basic Education
 - ☐ 2. Education through English
 - ☐ 3. Free higher education
 - ☐ 4. Adult Literacy Mission

Q.18 Consider a hierarchical file system. If a user attempts to delete a non-empty directory using a standard 'delete directory' command without any recursive options, what is the most likely outcome?

- Ans**
- ☐ 1. The operating system will prompt the user for confirmation to delete each item within the directory.
 - ☒ 2. The operating system will return an error indicating that the directory is not empty.
 - ☐ 3. Only the directory structure will be removed, leaving the files and subdirectories orphaned.
 - ☐ 4. The operating system will automatically delete all files and subdirectories within it.

Q.19 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All crabs are ties.
Some ties are hooves.
Some hooves are vents.

Conclusions:

(I): Some vents are crabs.
(II): Some hooves are crabs.

- Ans**
- ☐ 1. Only conclusion (I) follows.
 - ☐ 2. Both conclusions (I) and (II) follow.
 - ☐ 3. Only conclusion (II) follows.
 - ☒ 4. Neither conclusion (I) nor (II) follows.

Q.20 Which among the following significant changes was introduced in the Waqf (Amendment) Act, 2025?

- Ans**
- ☐ 1. Abolition of the Central Waqf Council
 - ☐ 2. Exemption of Waqf properties from legal scrutiny
 - ☐ 3. Privatisation of Waqf properties
 - ☒ 4. Mandating representation of at least two Muslim women on Waqf Boards

Q.21 Which of the following best explains why uracil is used in RNA instead of thymine?

- Ans**
- ☒ 1. Uracil is energetically cheaper to synthesise.
 - ☐ 2. Thymine is not recognized by ribosomes.
 - ☐ 3. Thymine inhibits transcription.
 - ☐ 4. Uracil enhances RNA splicing.

Q.22 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the question?

(NOTE - A two/three-digit number cannot be broken into individual digits for operations, e.g. if 37 is followed by 10, the operation cannot be 3+7 as a two-digit number cannot be broken into individual digits.)

14 - 15 - 20 - 40 ; 19 - 20 - 25 - 50

- Ans**
- ☒ 1. 5 - 6 - 11 - 22
 - ☐ 2. 8 - 10 - 15 - 30
 - ☐ 3. 3 - 4 - 9 - 14
 - ☐ 4. 7 - 9 - 18 - 20

Q.23 When using the 'Replace' function (Ctrl + H) in MS PowerPoint, which of the following options allows users to replace only whole words and not parts of words?

- Ans**
- ☐ 1. Use wildcards
 - ☒ 2. Find whole words only
 - ☐ 3. Sounds like (English)
 - ☐ 4. Match case

Q.24 If '-' means '+', '+' means 'x', 'x' means '+' and '+' means '-', then what will come in place of the question mark (?) in the following equation?

$$1568 - 16 + 4 \div 5 \times 22 = ?$$

- Ans**
- ☐ 1. 294
 - ☒ 2. 100
 - ☐ 3. 113
 - ☐ 4. 492

Q.25 Whom did Chandragupta II marry after defeating the Saka king?

- Ans**
- ☐ 1. Ruprekha
 - ☐ 2. Kumarrani
 - ☒ 3. Kubernaga
 - ☐ 4. Parbatidevi

Q.26 Raju starts from point A and drives 9 km towards the west. He then takes a left turn, drives 7 km, turns left and drives 11 km. He then takes a left turn and drives 13 km. He takes a final left turn, drives 2 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90 degree turns only unless specified.)

- Ans**
- ☐ 1. 6 km to the north
 - ☐ 2. 5 km to the south
 - ☒ 3. 6 km to the south
 - ☐ 4. 5 km to the north

Q.27 How much international bandwidth does Airtel's 2Africa Pearls 2025 undersea cable landing system add?

- Ans**
- ☒ 1. Over 100 terabits per second
 - ☐ 2. Over 200 terabits per second
 - ☐ 3. Over 50 terabits per second
 - ☐ 4. Over 500 terabits per second

Q.28 Which initiative was launched on 25 September 2014 to facilitate investment, foster innovation, build best in class infrastructure and make India a hub for manufacturing, design and innovation?

- Ans**
- ☐ 1. Stand Up India Initiative
 - ☒ 2. Make in India initiative
 - ☐ 3. Start Up India initiative
 - ☐ 4. Industrial Corridor Development Programme

Q.29 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

- Ans**
- ☐ 1. FG - AB
 - ☐ 2. JK - EF
 - ☐ 3. NO - IJ
 - ☒ 4. PK - MJ

Q.30 What is the main goal of the PM Gati Shakti initiative?

- Ans**
- ☒ 1. Improve transportation and logistics
 - ☐ 2. Strengthen healthcare facilities
 - ☐ 3. Increase agricultural productivity
 - ☐ 4. Enhance digital infrastructure

Q.31 A, B, C, D, G, H, and I are sitting around a circular table facing the centre. B sits third to the left of I. G sits second to the left of H. Only I sits between A and G. C is not an immediate neighbor of B. How many people sit between D and G when counted from the right of D?

- Ans** ☒ 1. Two
☐ 2. Three
☐ 3. Four
☐ 4. One

Q.32 Who is the current Chief Minister of Delhi as of March 2025, and from which constituency was he/she elected in the 2025 Delhi Assembly elections?

- Ans** ☐ 1. Atishi Marlena from Kalkaji
☒ 2. Rekha Gupta from Shalimar Bagh
☐ 3. Arvind Kejriwal from New Delhi
☐ 4. Rekha Gupta from Rajinder Nagar

Q.33 What is the difference between dragging text with the mouse (left-click) and Ctrl + dragging text in MS Word 365?

- Ans** ☒ 1. Dragging moves the text; Ctrl + dragging copies it.
☐ 2. Dragging deletes the text; Ctrl + dragging pastes it.
☐ 3. Both actions move the text.
☐ 4. Ctrl + dragging changes the font style.

Q.34 Which of the following is not a surrounding feature of the Thar Desert?

- Ans** ☒ 1. Vindhya Hills
☐ 2. Aravalli Range
☐ 3. Indus River Plain
☐ 4. Rann of Kachchh

Q.35 In India, which of the following is a groundwater-based irrigation source?

- Ans** ☐ 1. Tank
☐ 2. Pond
☒ 3. Open-well
☐ 4. River canal

Q.36 Who among the following has been appointed as the Chairman of Indian Space Research Organisation in January 2025?

- Ans** ☐ 1. Bhuvnesh Kumar
☐ 2. Dr. Mayank Sharma
☒ 3. Dr. V Narayanan
☐ 4. Manish Singhal

Q.37 What is the title of the first poetry collection by Nissim Ezekiel, one of the most celebrated poets in Indian English Literature?

- Ans** ☐ 1. Shadows and Dreams
☒ 2. A Time of Change
☐ 3. The Unfinished Verse
☐ 4. Echoes of the Soul

Q.38 Select the number from among the given options that can replace the question mark (?) in the following series.
139 136 131 124 115 ? 91

- Ans
- ☐ 1. 109
 - ☒ 2. 104
 - ☐ 3. 106
 - ☐ 4. 101

Q.39 Factorise the polynomial $x^4 - 10x^2 + 22$ into product of two quadratic polynomials.

- Ans
- ☐ 1. $(x^2 - 4 + \sqrt{3})(x^2 - 4 - \sqrt{3})$
 - ☐ 2. $(x^2 - 3 + \sqrt{3})(x^2 - 3 - \sqrt{3})$
 - ☒ 3. $(x^2 - 5 + \sqrt{3})(x^2 - 5 - \sqrt{3})$
 - ☐ 4. $(x^2 - 2 + \sqrt{3})(x^2 - 2 - \sqrt{3})$

Q.40 As per the NFHS-5 (2019-21), what is the approximate percentage of households in India with access to improved sanitation facilities?

- Ans
- ☐ 1. 55%
 - ☐ 2. 65%
 - ☒ 3. 70%
 - ☐ 4. 85%

Q.41 Mr. W travelled 370 km, 390 km and 720 km at speeds of 37 km/hr, 5 km/hr and 8 km/hr, respectively. Find his average speed in km/hr.

- Ans
- ☐ 1. $9\frac{30}{89}$
 - ☒ 2. $8\frac{28}{89}$
 - ☐ 3. $9\frac{21}{89}$
 - ☐ 4. $8\frac{27}{89}$

Q.42 Free legal aid is part of which part of the Indian Constitution?

- Ans
- ☐ 1. Fundamental Rights
 - ☐ 2. Preamble
 - ☐ 3. Fundamental Duties
 - ☒ 4. Directive Principles

Q.43 What does OCI stand for in the context of Indian citizenship?

- Ans
- ☐ 1. Original Citizen Identity
 - ☐ 2. Overseas Card for Indians
 - ☒ 3. Overseas Citizen of India
 - ☐ 4. Official Citizen of India

Q.44 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

GKO 11, IMQ 13, KOS 15, MQU 17, ?

- Ans**
- ☒ 1. OSW 19
 - ☐ 2. ORT 21
 - ☐ 3. NQS 21
 - ☐ 4. NTZ 19

Q.45 What is the primary function of a Notified Area Committee in India?

- Ans**
- ☐ 1. Oversee military areas to help address military and civilian issues
 - ☐ 2. Regulate local elections for better local self-governance
 - ☒ 3. Manage developing towns due to get a municipality status
 - ☐ 4. Handle port activities and ensure their smooth functioning

Q.46 Seven people, I, J, K, L, O, P and Q are sitting in a row, facing north. Only J sits to the left of Q. Only four people sit between J and I. Only O sits between P and K and P is not an immediate neighbour of I. Who sits at the extreme right end of the row?

- Ans**
- ☐ 1. O
 - ☐ 2. K
 - ☐ 3. I
 - ☒ 4. L

Q.47 Pipe A can fill a tank in 18 minutes, while pipe B can empty the completely filled tank in 27 minutes. Initially, pipe A is opened and after 6 minutes pipe B is also opened. In how much time (in minutes) will the remaining tank be filled completely?

- Ans**
- ☒ 1. 36
 - ☐ 2. 35
 - ☐ 3. 21
 - ☐ 4. 32

Q.48 In a certain code language, 'BRAVE' is coded as '29317' and 'VIBER' is coded as '38792'. What is the code for 'A' in the given code language?

- Ans**
- ☐ 1. 9
 - ☒ 2. 1
 - ☐ 3. 7
 - ☐ 4. 2

Q.49 RWKA is related to TULZ in a certain way based on the English alphabetical order. In the same way, VSMY is related to XQNX. To which of the given options is ZOOW related, following the same logic?

- Ans**
- ☐ 1. CLQU
 - ☒ 2. BMPV
 - ☐ 3. CNPW
 - ☐ 4. ALOV

Q.50 If $a^2 + b^2 = 111$, $a \times b = 27$, and $a > b$, find the value of $\frac{a-b}{a+b}$.

Ans

- ☐ 1. $\sqrt{\frac{53}{165}}$
☒ 2. $\sqrt{\frac{57}{165}}$
☐ 3. $\frac{57}{165}$
☐ 4. $\frac{53}{165}$

Q.51 The area of a rectangle increases by 8 m^2 if its length is increased by 5 m and breadth is decreased by 7 m. If the length is decreased by 5 m and breadth is increased by 8 m, then its area increases by 33 m^2 . What is the perimeter of the original rectangle (in m)?

Ans

- ☒ 1. 574
☐ 2. 576
☐ 3. 573
☐ 4. 575

Q.52 Simplify: $\sqrt[6]{4096} + \sqrt[4]{50625} + \sqrt[3]{21952} + \sqrt{3364}$

Ans

- ☐ 1. 24
☒ 2. 105
☐ 3. 75
☐ 4. 55

Q.53 The mean proportional between 0.06 and 6 is:

Ans

- ☐ 1. 60
☒ 2. 0.6
☐ 3. 6
☐ 4. 0.06

Q.54 Find the duration (in years) in which ₹1,200 will amount to ₹2,220 at a rate of 20% per annum simple interest.

Ans

- ☒ 1. 4.25
☐ 2. 5.25
☐ 3. 6.25
☐ 4. 3.25

Q.55 The average of 10 observations is 40. It was realised later that an observation was misread as 34 in place of 43. Find the correct average.

Ans

- ☐ 1. 43.9
☐ 2. 39.9
☐ 3. 41.9
☒ 4. 40.9

Q.56 Select the pair that follows the same pattern as that followed by the two sets of pairs given below. Both pairs follow the same pattern.

ZIL : ARO

GRZ : TIA

- Ans** ☒ 1. XMS : CNH
☐ 2. LOT : OKG
☐ 3. MAP : NZJ
☐ 4. JPE : QJT

Q.57 Manjit's salary is ₹10,000 per month. He spends ₹6,000 on house rent and ₹3,000 on bills, and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent all his monthly savings on birthday celebrations.

- Ans** ☐ 1. 12,000
☒ 2. 11,000
☐ 3. 9,000
☐ 4. 10,000

Q.58 In a certain code language, 'BLUE' is coded as '4628' and 'LOAD' is coded as '3567'. What is the code for 'L' in the given code language?

- Ans** ☐ 1. 3
☒ 2. 6
☐ 3. 7
☐ 4. 8

Q.59 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) @ \$ & 7 7 @ 5 7 & & 4 1 9 3 \$ 7 8 & 7 € € 1 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans** ☒ 1. 2
☐ 2. 5
☐ 3. 3
☐ 4. 4

Q.60 The sum of the present ages of a father and his son is 18 years more than 4 times the present age of the son. After 5 years, 4 times the father's age will be 8 years less than 14 times the son's age. The difference (in years) between the present ages of the father and the son is:

- Ans** ☐ 1. 45
☒ 2. 48
☐ 3. 49
☐ 4. 53

Q.61 If 'A' stands for '×', 'B' stands for '−', 'C' stands for '+', and 'D' stands for '÷', then the resultant of which of the following will be 9?

- Ans** ☐ 1. 8 C 3 B 10 A 2 D 5
☐ 2. 8 B 3 A 10 C 2 D 5
☒ 3. 8 B 3 C 10 A 2 D 5
☐ 4. 8 A 3 C 10 B 2 D 5

Q.62 In a multitasking operating system, what role does RAM primarily play when multiple applications are open simultaneously?

- Ans**
- ☐ 1. It acts as permanent storage for installed software.
 - ☐ 2. It queues printing tasks before they reach the printer.
 - ☐ 3. It processes user input commands from external devices like keyboard or mouse.
 - ☒ 4. It temporarily holds active program data and instructions to enable fast switching between tasks.

Q.63 Tanveer starts from Point B and drives 2 km towards west. He then takes a right turn, drives 4 km, turns left and drives 5 km. He then takes a right turn and drives 3 km. He takes a final right turn, drives 7 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point B again (all turns are 90° turns only unless specified)?

- Ans**
- ☐ 1. 6 km south
 - ☒ 2. 7 km south
 - ☐ 3. 4 km south
 - ☐ 4. 5 km south

Q.64 When and where is the second part of the Fifth Session (INC-5.2) of the Intergovernmental Negotiating Committee (INC) on plastic pollution scheduled to take place?

- Ans**
- ☐ 1. July 2025 in Nairobi, Kenya
 - ☒ 2. August 2025 in Geneva, Switzerland
 - ☐ 3. October 2025 in Ottawa, Canada
 - ☐ 4. September 2025 in Paris, France

Q.65 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. The product of floors on which D and F live is 10. C lives immediately above E. The sum of floors on which B and D live is 11. How many people live between A and E?

- Ans**
- ☐ 1. 2
 - ☐ 2. 3
 - ☒ 3. 1
 - ☐ 4. 4

Q.66 The average of first 13 whole numbers is:

- Ans**
- ☒ 1. 6
 - ☐ 2. 6.5
 - ☐ 3. 7
 - ☐ 4. 5

Q.67 What is the Gram Sabha in the context of the Panchayati Raj system in India?

- Ans**
- ☒ 1. The deliberative assembly of all eligible village residents
 - ☐ 2. A block-level committee
 - ☐ 3. A judicial body for urban areas
 - ☐ 4. An advisory council of State representatives

Q.68 Surendra has 102 litres of Oil A and 224 litres of Oil B. He fills a number of identical containers with the two types of oil in a manner that each container has only one type of oil, and all containers are completely filled. What can be the maximum volume (in litres) of each container that Surendra uses, so that all the oil that Surendra has, of both the types, can be poured into these containers?

- Ans**
- ☐ 1. 9
 - ☐ 2. 1
 - ☐ 3. 8
 - ☒ 4. 2

Q.69 Ashish has ₹1,218 with him. He divides it amongst his sons Arun and Mahesh and asks them to invest it at 10% rate of interest compounded annually. It was seen that Arun and Mahesh got same amount after 11 and 12 years, respectively. How much (in ₹) did Ashish give to Mahesh?

- Ans**
- ☐ 1. 638
 - ☐ 2. 738
 - ☐ 3. 430
 - ☒ 4. 580

Q.70 The Swadeshi Movement, launched to oppose the partition of Bengal and promote Indian goods, began in which year?

- Ans**
- ☐ 1. 1906
 - ☐ 2. 1904
 - ☐ 3. 1907
 - ☒ 4. 1905

Q.71 Which kitchen process is an example of osmosis?

- Ans**
- ☐ 1. Boiling pasta in milk
 - ☐ 2. Grinding spices together
 - ☒ 3. Placing raw mango in a concentrated salt solution
 - ☐ 4. Flushing food items with nitrogen

Q.72 What should come in place of the question mark (?) in the given series?

801 800 797 792 785 ?

- Ans**
- ☐ 1. 775
 - ☐ 2. 773
 - ☒ 3. 776
 - ☐ 4. 774

Q.73 Which leader presided over the 1929 Lahore Session of the Indian National Congress, where the resolution for 'Purna Swaraj' was passed?

- Ans**
- ☐ 1. CR Das
 - ☒ 2. Jawaharlal Nehru
 - ☐ 3. Subhas Chandra Bose
 - ☐ 4. Lala Lajpat Rai

Q.74 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

LJQ NLS PNU RPW ?

- Ans**
- ☐ 1. TSY
 - ☒ 2. TRY
 - ☐ 3. TSZ
 - ☐ 4. TRZ

Q.75 F is the brother of G.
G is the wife of H.
H is the son of I.
I is the wife of J.
How is F related to J?

- Ans**
- ☐ 1. Son
 - ☐ 2. Son's wife's father
 - ☐ 3. Father
 - ☒ 4. Son's wife's brother

Q.76 What is the primary contributor to the sour taste in foods like lemons, vinegar and yoghurt?

- Ans**
- ☐ 1. Bases
 - ☐ 2. Salts
 - ☐ 3. Alkaloids
 - ☒ 4. Acids

Q.77 Which of the following Urban Local Government Bodies in India was discontinued after 1992?

- Ans**
- ☐ 1. Nagar Panchayat
 - ☐ 2. Municipal Committee/Council
 - ☐ 3. Municipal Corporation
 - ☒ 4. Notified Area Committee

Q.78 In India, a city with a population of less than 10,000 and more than 5000 is classified as which type of class town?

- Ans**
- ☐ 1. Class VI
 - ☐ 2. Class II
 - ☐ 3. Class I
 - ☒ 4. Class V

Q.79 In a certain code language, 'GATE' is coded as '4628' and 'TURN' is coded as '3567'. What is the code for 'T' in the given code language?

- Ans**
- ☐ 1. 3
 - ☐ 2. 4
 - ☒ 3. 6
 - ☐ 4. 2

Q.80 Which of the following numbers is divisible by 41?

- Ans**
- ☒ 1. 7995
 - ☐ 2. 8537
 - ☐ 3. 7431
 - ☐ 4. 7889

Q.81 Which Indian English poet's first poetry collection titled 'The Striders', published in 1966, received a Poetry Book recommendation?

- Ans**
- ☐ 1. Dom Moraes
 - ☐ 2. Nissim Ezekiel
 - ☐ 3. R Parthasarathy
 - ☒ 4. AK Ramanujan

Q.82

The volume of a solid cylinder is 5852 cm^3 and its height is 38 cm. What is the radius of the solid cylinder? (Round your answer to the nearest integer)

(Use $\pi = \frac{22}{7}$)

Ans

- ☐ 1. 1936 cm^2
- ☐ 2. 1969 cm^2
- ☐ 3. 1954 cm^2
- ☒ 4. 1980 cm^2

Q.83

One pipe can fill the tank in 9 minutes while another pipe can empty completely filled tank in 90 minutes. If both the pipes are operated together on empty tank, how long (in minutes) will it take to fill half of the tank?

Ans

- ☐ 1. 6
- ☐ 2. 11
- ☒ 3. 5
- ☐ 4. 10

Q.84

Who administered the agrahara lands during the post-Gupta period?

Ans

- ☒ 1. Brahmins
- ☐ 2. Monks
- ☐ 3. Feudal lords
- ☐ 4. Village assemblies

Q.85

According to the Economic Survey 2023-24, how many Indians are estimated to have escaped multidimensional poverty between 2015-16 and 2019-21?

Ans

- ☒ 1. 13.5 crore
- ☐ 2. 20.5 crore
- ☐ 3. 16.5 crore
- ☐ 4. 10 crore

Q.86

Which of the following is NOT a feature of subsistence farming?

Ans

- ☐ 1. Manual agricultural practices
- ☐ 2. Traditional seed varieties
- ☐ 3. Use of family labour
- ☒ 4. Use of high-end machinery

Q.87

The ratio of the market prices of gram and pea is 2 : 5, and the ratio of the quantities consumed by a family is 4 : 3. Find the ratio of the expenditure on gram to pea.

Ans

- ☒ 1. 8 : 15
- ☐ 2. 9 : 16
- ☐ 3. 17 : 10
- ☐ 4. 3 : 4

Q.88

Each of the digits in the number 8569142 is arranged in the descending order from left to right. The position(s) of how many digits will remain unchanged in the new number thus formed as compared to that in the original number?

Ans

- ☐ 1. Three
- ☒ 2. One
- ☐ 3. Two
- ☐ 4. Four

Q.89 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) 5 \$ 5 % 8 7 * 5 % & 8 @ 2 6 2 £ 3 8 1 & 5 6 (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a number?

- Ans** ☒ 1. 2
☐ 2. 3
☐ 3. 4
☐ 4. 7

Q.90 In December 2024, PM Modi made a historic visit to which Gulf country, marking the first such visit by an Indian Prime Minister in 43 years?

- Ans** ☐ 1. Bahrain
☐ 2. Oman
☐ 3. Qatar
☒ 4. Kuwait

Q.91 M, N, O, P, Y and Z live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. O lives on floor numbered 4. Only two people live between O and P. Only M lives between O and N. Y lives immediately below O. Who lives on floor numbered 2?

- Ans** ☐ 1. N
☐ 2. Y
☐ 3. M
☒ 4. Z

Q.92 Let AB and CD be two parallel lines and PQ be a transversal such that PQ intersects AB at the point R and CD at the point S, respectively. If $\angle BRP = (2x + 13)^\circ$ and $\angle DSP = (3x - 22)^\circ$, then find $\angle CSP$.

- Ans** ☐ 1. 105°
☐ 2. 83°
☐ 3. 95°
☒ 4. 97°

Q.93 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans** ☐ 1. GK - IM
☒ 2. SP - QI
☐ 3. IM - KO
☐ 4. LP - NR

Q.94 Who among the following was awarded the Olympic Order by the International Olympic Committee (IOC) in July 2024?

- Ans** ☐ 1. Manu Bhaker
☒ 2. Abhinav Bindra
☐ 3. Neeraj Chopra
☐ 4. Mary Kom

Q.95 What is the purpose of the 'One Nation, One Permit' scheme proposed by the Ministry of Road Transport and Highways?

- Ans**
- ☐ 1. Common civil aviation license
 - ☐ 2. Single road ticketing platform system
 - ☐ 3. Permit for urban parking facilities
 - ☒ 4. Ease of transport for inter-state freight vehicles

Q.96 The marked price of a bed is ₹1,600, which is 25% above the cost price. It is sold at a discount of 16% on the marked price. Find the profit percentage.

- Ans**
- ☒ 1. 5%
 - ☐ 2. 7%
 - ☐ 3. 6%
 - ☐ 4. 4%

Q.97 Who among the following has been appointed as the Comptroller General of India in November 2024?

- Ans**
- ☒ 1. K Sanjay Murthy
 - ☐ 2. Dr. V Narayanan
 - ☐ 3. Tuhin Kanta Pandey
 - ☐ 4. Mahesh Kumar Aggarwal

Q.98 Simplify $(5x - 2y)^2 + (2x + 5y)^2 + (5x + 2y)(5x - 2y)$.

- Ans**
- ☐ 1. $-54x^2 - 25y^2$
 - ☒ 2. $54x^2 + 25y^2$
 - ☐ 3. $55x^2 - 25y^2$
 - ☐ 4. $-55x^2 + 25y^2$

Q.99 On selling a wardrobe at ₹3,437, the value of gain is 75% more than the value of loss incurred on selling it at ₹3,338. In order to gain 50%, find the selling price (in ₹).

- Ans**
- ☐ 1. 5,058
 - ☐ 2. 5,059
 - ☒ 3. 5,061
 - ☐ 4. 5,062

Q.100 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$52 \div 15 - 189 \times 9 + 117 = ?$$

- Ans**
- ☒ 1. 684
 - ☐ 2. 672
 - ☐ 3. 688
 - ☐ 4. 678



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	iON Digital Zone iDZ - 2 Mandi Samiti Road
Test Date	06/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 What is the total full-time strength of personnels in the National Human Rights Commission, India?

- Ans**
- ☒ 1. Chairperson and five members
 - ☐ 2. Chairperson and four members
 - ☐ 3. Chairperson and seven members
 - ☐ 4. Chairperson and three members

Q.2 In March 2025, the Indian Parliament passed the Immigration and Foreigners Bill, 2025. Which of the following Acts was specifically repealed by this legislation?

- Ans**
- ☒ 1. The Foreigners Act, 1946
 - ☐ 2. The National Security Act, 1980
 - ☐ 3. The Citizenship Act, 1955
 - ☐ 4. The Emigration Act, 1983

Q.3 Which functional groups in amino acids are directly involved in forming peptide bonds?

- Ans**
- ☐ 1. Carbonyl and phosphate groups
 - ☒ 2. Carboxyl and amino groups
 - ☐ 3. Hydroxyl and sulfhydryl groups
 - ☐ 4. Methyl and acetyl groups

Q.4 Jharkhand authorities have successfully relocated Jaigir, the first village inside the _____, entirely outside its core area.

- Ans**
- ☐ 1. Dudhwa Tiger Reserve
 - ☒ 2. Palamu Tiger Reserve
 - ☐ 3. Jim Corbett National Park
 - ☐ 4. Amangarh Tiger Reserve

Q.5 Who won the Sahitya Akademi Award 2024 for Dogri literature for the book 'Ik Hor Ashwthama'?

- Ans**
- ☒ 1. Chaman Arora
 - ☐ 2. Padma Sachdev
 - ☐ 3. Mohan Singh
 - ☐ 4. Ved Rahi

Q.6 Lok Adalat proceedings are ____.

- Ans**
- ☒ 1. conciliatory
 - ☐ 2. adversarial
 - ☐ 3. investigative
 - ☐ 4. inquisitorial

Q.7 The ratio of the age of a son after 15 years and the present age of his father is 2 : 3. 5 years ago, the age of the father was 4 times the age of the son. The present ages (in years) of the father and the son, respectively, are:

- Ans**
- ☐ 1. 40; 10
 - ☐ 2. 32; 8
 - ☒ 3. 45; 15
 - ☐ 4. 50; 20

Q.8 In a certain code language,
A + B means 'A is the mother of B',
A - B means 'A is the brother of B',
A × B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

How is M related to Q if 'M + N - O × P ÷ Q'?

- Ans**
- ☐ 1. Father's sister
 - ☐ 2. Mother's sister
 - ☐ 3. Father's mother
 - ☒ 4. Mother's mother

Q.9 After 50 litres of petrol was poured into an empty storage tank, it was still 10% empty. How much petrol (in litres, rounded off to two decimal places) must be poured into the storage tank in order to fill it?

- Ans**
- ☐ 1. 51.33
 - ☐ 2. 56.56
 - ☐ 3. 54.56
 - ☒ 4. 55.56

Q.10 Who has been appointed as a Principal Secretary-2 to PM Narendra Modi in February 2025?

- Ans**
- ☐ 1. Ajay Kumar
 - ☒ 2. Shaktikanta Das
 - ☐ 3. Manish Singhal
 - ☐ 4. Rajiv Gauba

Q.11 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: EKN :: RVN : %

- Ans**
- ☐ 1. # = CIK, % = PYR
 - ☒ 2. # = DHL, % = SYP
 - ☐ 3. # = DMK, % = SZQ
 - ☐ 4. # = CML, % = PZT

Q.12 When x is added to each of 20, 34, 11 and 16, then the numbers so obtained, in this order, are in proportion. Then, if $3x : y :: y : (2x-6)$, and $y > 0$, what is the value of y ?

- Ans**
- ☐ 1. 29
 - ☒ 2. 18
 - ☐ 3. 10
 - ☐ 4. 2

Q.13 Pravenesh starts from point A and drives 12 km towards the south. He then takes a right turn, drives 7 km, turns right and drives 14 km. He then takes a right turn and drives 10 km. He takes a final right turn, drives 2 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90 degree turns only unless specified.)

- Ans**
- ☒ 1. 3 km to the west
 - ☐ 2. 3 km to the east
 - ☐ 3. 2 km to the east
 - ☐ 4. 4 km to the east

Q.14 The Konyak tribe of India is mainly found in which of the following states of India?

- Ans**
- ☐ 1. Nagaland and Sikkim
 - ☐ 2. Uttar Pradesh and Bihar
 - ☒ 3. Nagaland and Arunachal Pradesh
 - ☐ 4. Arunachal Pradesh and Uttar Pradesh

Q.15 What should come in place of the question mark (?) in the given series?

602 600 696 690 682 ?

- Ans**
- ☐ 1. 671
 - ☒ 2. 672
 - ☐ 3. 670
 - ☐ 4. 668

Q.16 X has planned his expenditure as follows: 30% of salary for house rent; 25% for food; 15% for medical expenditure and 16% for others. If he can save ₹42,000 every month, then his monthly salary (in ₹) is:

- Ans**
- ☐ 1. 3,50,000
 - ☒ 2. 3,00,000
 - ☐ 3. 3,30,000
 - ☐ 4. 4,20,000

Q.17 A class of 30 students appeared in a test. The average score of 12 students is 60, and that of the rest is 60. What is the average score of the class?

- Ans**
- ☐ 1. 61
 - ☐ 2. 58
 - ☒ 3. 60
 - ☐ 4. 59

Q.18 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged, and 'x' and '÷' are interchanged?

$43 + 15 \div 2 - 12 \times 4 = ?$

- Ans**
- ☐ 1. 24
 - ☐ 2. 18
 - ☒ 3. 16
 - ☐ 4. 22

Q.19 In a certain code language, 'LIPS' is coded as '4628' and 'PURE' is coded as '3567'. What is the code for 'P' in the given code language?

- Ans
- ☐ 1. 3
 - ☐ 2. 7
 - ☐ 3. 2
 - ☒ 4. 6

Q.20 4 is related to 10 following a certain logic. Following the same logic, 34 is related to 40. To which of the following is 66 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans
- ☒ 1. 72
 - ☐ 2. 74
 - ☐ 3. 70
 - ☐ 4. 68

Q.21 If $\cot\theta = \frac{3}{4}$, then find the value of $\sin 3\theta$.

- Ans
- ☒ 1. $\frac{44}{125}$
 - ☐ 2. $\frac{81}{125}$
 - ☐ 3. $\frac{117}{125}$
 - ☐ 4. $-\frac{117}{125}$

Q.22 If the ratio of two numbers is 17 : 7 and the product of their LCM and their HCF is 119, then the sum of the reciprocals of the LCM and the HCF is:

- Ans
- ☐ 1. $\frac{120}{161}$
 - ☐ 2. $\frac{120}{139}$
 - ☐ 3. $\frac{120}{137}$
 - ☒ 4. $\frac{120}{119}$

Q.23 In which year did the Bhil rebellion start under the leadership of Bhil leaders such as Kazi Singh and Bhima Naik?

- Ans
- ☐ 1. 1845
 - ☐ 2. 1803
 - ☒ 3. 1818
 - ☐ 4. 1868

Q.24 In a 2295 m circular race, Siddharth finishes one round in 85 seconds and Yash finishes one round in 45 seconds. How many different meeting points are there on the circumference if they are running in the opposite directions?

- Ans
- ☐ 1. 36
 - ☒ 2. 26
 - ☐ 3. 20
 - ☐ 4. 33

Q.25 Manoj starts from Point A and drives 13 km towards west. He then takes a right turn, drives 2 km, turns right and drives 7 km. He then takes a left turn and drives 5 km. He takes a final right turn, drives 6 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again (all turns are 90° turns only unless specified)?

- Ans**
- ☒ 1. 7 km; South
 - ☐ 2. 6 km; South
 - ☐ 3. 9 km; South
 - ☐ 4. 5 km; South

Q.26 Following are the ages (in years) of 6 people in a group: 25, 30, 35, 40, 45 and 50. What is the standard deviation of their ages (rounded to two decimal places)?

- Ans**
- ☐ 1. 9.26
 - ☐ 2. 6.57
 - ☐ 3. 7.38
 - ☒ 4. 8.54

Q.27 What was the budget allocation for the Ministry of Rural Development for the fiscal year 2023-24?

- Ans**
- ☐ 1. ₹1,50,000 crore
 - ☐ 2. ₹1,29,000 crore
 - ☒ 3. ₹1,59,964 crore
 - ☐ 4. ₹1,75,000 crore

Q.28 Which of the following numbers is divisible by 71?

- Ans**
- ☐ 1. 6121
 - ☐ 2. 5603
 - ☐ 3. 6010
 - ☒ 4. 5609

Q.29 Find the average of 308, 127, 90, 45, 125 and 103.

- Ans**
- ☐ 1. 132
 - ☐ 2. 135
 - ☐ 3. 130
 - ☒ 4. 133

Q.30 In April 2025, NITI Aayog released a report titled "Automotive Industry – Powering India's Participation in Global Value Chains". What is the primary objective of this report?

- Ans**
- ☒ 1. To propose strategies for enhancing India's role in global automotive value chains
 - ☐ 2. To compare India's automotive policies with those of neighbouring countries
 - ☐ 3. To analyse India's automotive export performance over the past decade
 - ☐ 4. To assess the environmental impact of India's automotive sector

Q.31 Which of the following is the largest contributor to irrigation in India?

- Ans**
- ☒ 1. Tube wells and canals
 - ☐ 2. Rainwater harvesting
 - ☐ 3. Tanks
 - ☐ 4. Sub-irrigation

Q.32 XC 14 is related to VG 1 in a certain way. In the same way, RD 18 is related to PH 5. To which of the given options is UP 4 related, following the same logic?

- Ans**
- ☐ 1. NE -9
 - ☐ 2. VR -7
 - ☒ 3. ST -9
 - ☐ 4. NR -7

Q.33 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) 4 @ 7 4 £ 9 9 # @ 1 4 \$ % 4 3 8 2 © © 1 5 # (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a number?

- Ans**
- ☐ 1. 4
 - ☒ 2. 2
 - ☐ 3. 1
 - ☐ 4. 3

Q.34 While covering a distance of 35 km, a man noticed that after cycling for some time he was left with 1/5th of the distance. What was his speed (in km/hr, rounded off to one decimal place)?



- Ans**
- ☒ 1. 4.7
 - ☐ 2. 8.4
 - ☐ 3. 5.1
 - ☐ 4. 7.9

Q.35 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 415796, what will be the sum of the digits which are fifth from the left and first from the right in the new number thus formed?

- Ans**
- ☒ 1. 16
 - ☐ 2. 10
 - ☐ 3. 12
 - ☐ 4. 14

Q.36 A river 20 m deep and 36 m wide is flowing at the rate of 2.7 km/hr. The amount of water (in m³) that runs into the sea per minute is ____.

- Ans**
- ☐ 1. 30,240
 - ☒ 2. 32,400
 - ☐ 3. 30,024
 - ☐ 4. 34,200

Q.37 In which year was the Partition of Bengal, initially implemented by the British in 1905, officially annulled?

- Ans**
- ☐ 1. 1916
 - ☐ 2. 1909
 - ☒ 3. 1911
 - ☐ 4. 1910

Q.38 In September 2024, the Uniform Code of Pharmaceutical Marketing Practices (UCPMP) 2024 extended its guidelines to which of the following sectors?

- Ans**
- ☐ 1. Ayurvedic medicines
 - ☒ 2. Medical device manufacturers
 - ☐ 3. Veterinary pharmaceuticals
 - ☐ 4. Online health consultations

Q.39 What will be the amount after 1 year if ₹9,900 is invested at 20% compound interest per annum, compounded half-yearly?

- Ans**
- ☐ 1. ₹12,940
 - ☐ 2. ₹11,307
 - ☒ 3. ₹11,979
 - ☐ 4. ₹12,495

Q.40 How are Municipal Corporations established in the Union Territories of India?

- Ans**
- ☐ 1. By the Municipal Commissioner
 - ☒ 2. By an Act of Parliament
 - ☐ 3. By public vote
 - ☐ 4. By State Legislature

Q.41 Mihira Bhoja, a famous ruler of the Pratiharas, adopted which title?

- Ans**
- ☐ 1. Adityavardhana
 - ☒ 2. Adivaraha
 - ☐ 3. Parmeshwara
 - ☐ 4. Vikramaditya

Q.42 A vendor sold 5 chocolates for ₹1, thereby gaining 20%. How many chocolates did he buy for ₹1?

- Ans**
- ☐ 1. 12
 - ☐ 2. 8
 - ☒ 3. 6
 - ☐ 4. 10

Q.43 Simplify $\frac{8x^3 + 27y^3 - 64z^3 + 72xyz}{4x^2 + 9y^2 + 16z^2 - 6xy + 12yz + 8zx}$.

- Ans**
- ☐ 1. $(2x + 3y + 4z)$
 - ☒ 2. $(2x + 3y - 4z)$
 - ☐ 3. $(2x - 3y + 4z)$
 - ☐ 4. $(2x - 3y - 4z)$

Q.44 If '-' means '+', '+' means 'x', 'x' means '+' and '+' means '-', then what will come in place of the question mark (?) in the following equation?

$$9 \div 12 \times 450 + 8208 - 18 = ?$$

- Ans**
- ☐ 1. 100
 - ☒ 2. 102
 - ☐ 3. 425
 - ☐ 4. 101

Q.45 Who among the following wrote the book 'Power within: The leadership legacy of Narendra Modi'?

- Ans**
- ☐ 1. Dr. S Jaishankar
 - ☒ 2. Dr. R Balasubramaniam
 - ☐ 3. Dr. KS Chauhan
 - ☐ 4. Dr. Aishwarya Pandit

Q.46 Gaurav bought the first pen for ₹444 and the second pen for ₹356, respectively. He sells the first pen at 75% of the profit but the buyer bargains for the price, and he has to offer a 14% discount and the second pen at 48% of the profit. Find the total profit he had in this transaction (correct to two decimal places).

- Ans**
- ☒ 1. ₹395.10
 - ☐ 2. ₹394.67
 - ☐ 3. ₹399.02
 - ☐ 4. ₹396.11

Q.47 Pipe A can fill a tank in 9 minutes, while pipe B can empty the completely filled tank in 10 minutes. Initially, pipe A is opened and after 3 minutes pipe B is also opened. In how much time (in minutes) will the remaining tank be filled completely?

- Ans**
- ☐ 1. 73
 - ☐ 2. 61
 - ☐ 3. 47
 - ☒ 4. 60

Q.48 A, B, C, D, G, H, and I are sitting around a circular table facing the centre. Only two people sit between D and A when counted from the left of A. H sits third to the left of G. I sits to the immediate right of G. I sits second to the left of D. B is not an immediate neighbor of H. Who sits third to the right of C?

- Ans**
- ☐ 1. H
 - ☐ 2. D
 - ☒ 3. I
 - ☐ 4. A

Q.49 Suraj ranked 18th from the top and 67th from the bottom in his class. How many students are there in his class?

- Ans**
- ☐ 1. 82
 - ☐ 2. 85
 - ☐ 3. 83
 - ☒ 4. 84

Q.50 The Poligars rebelled against the British in which Presidency, when the British tried to snatch away their military and land rights?

- Ans**
- ☒ 1. Madras Presidency
 - ☐ 2. Agra Presidency
 - ☐ 3. Bengal Presidency
 - ☐ 4. Bombay Presidency

Q.51 Which keyboard shortcut permanently deletes a file without sending it to the Recycle Bin in Windows OS?

- Ans**
- ☐ 1. Delete
 - ☐ 2. Ctrl + D
 - ☐ 3. Alt + Delete
 - ☒ 4. Shift + Delete

Q.52 Simplify :

$$72 \div \left[\frac{4}{2} \times \{9 + 2 - (4 + 7 - (1 + 8))\} \right]$$

Ans ☐ 1. -1

☒ 2. 4

☐ 3. 12

☐ 4. -4

Q.53 An article was bought for ₹8,100. Its price was marked up by 40%. Thereafter it was sold at a discount of 15% on the marked price. What was the percentage profit on the transaction?

Ans ☐ 1. 17%

☐ 2. 18%

☒ 3. 19%

☐ 4. 20%

Q.54 Solubility of CH_3COOH decreases in presence of CH_3COONa due to:

Ans ☐ 1. Increased temperature

☐ 2. Ion pairing

☒ 3. Common ion effect

☐ 4. Oxidation

Q.55 In April 2025, which of the following footballers became the first to reach 900 professional career goals including club and country?

Ans ☒ 1. Cristiano Ronaldo

☐ 2. Robert Lewandowski

☐ 3. Kylian Mbappé

☐ 4. Lionel Messi

Q.56 In a certain code language, 'PICK' is coded as '4628' and 'COST' is coded as '3567'. What is the code for 'C' in the given code language?

Ans ☐ 1. 2

☐ 2. 3

☐ 3. 7

☒ 4. 6

Q.57 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) @ 5 4 £ 8 & © £ * 2 5 9 \$ 6 £ 4 * 8 \$ 4 % * (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?

Ans ☐ 1. 6

☒ 2. 5

☐ 3. 7

☐ 4. 4

Q.58 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

KIO LJP MKQ NLR ?

- Ans
- ☐ 1. OMR
 - ☒ 2. OMS
 - ☐ 3. ONR
 - ☐ 4. ONS

Q.59 In modern CPUs, what technique is used to execute multiple instructions simultaneously?

- Ans
- ☐ 1. Serial Processing
 - ☒ 2. Pipelining
 - ☐ 3. Clock Synchronization
 - ☐ 4. Sequential Execution

Q.60 The Eastern Coastal Plains of India are best described as which type of coast?

- Ans
- ☐ 1. Submerged coast
 - ☐ 2. Rocky coast
 - ☒ 3. Emergent coast
 - ☐ 4. Folded coast

Q.61 If $\Delta ABC \sim \Delta XYZ$, $AB = 6$ cm, $XY = 8$ cm, $YZ = 12$ cm and $ZX = 16$ cm, then find the perimeter of ΔABC .

- Ans
- ☐ 1. 24 cm
 - ☐ 2. 34 cm
 - ☒ 3. 27 cm
 - ☐ 4. 32 cm

Q.62 What is the significance of Westerly Jet Streams in winter?

- Ans
- ☒ 1. Guide Western Disturbances into India
 - ☐ 2. Bring snowfall to Eastern Ghats
 - ☐ 3. Cause retreat of monsoon
 - ☐ 4. Influence rainfall in Tamil Nadu

Q.63 One pipe can fill the tank in 9 minutes while another pipe can empty completely filled tank in 90 minutes. If both the pipes are operated together on empty tank, how long (in minutes) will it take to fill the tank completely?

- Ans
- ☐ 1. 11
 - ☐ 2. 13
 - ☒ 3. 10
 - ☐ 4. 12

Q.64 Which of the following novels was written by Qurratulain Hyder in 1959 and is known for its deep insights on the Partition of India?

- Ans
- ☐ 1. Urvashi
 - ☐ 2. Pinjar
 - ☐ 3. Train to Pakistan
 - ☒ 4. Aag Ka Darya

Q.65 How do you add text to a slide in MS PowerPoint?

- Ans
- ☐ 1. Use the Transitions tab
 - ☐ 2. Drag an image onto the slide
 - ☒ 3. Click inside a text placeholder and start typing
 - ☐ 4. Press Ctrl + T

Q.66 What is the name of the Medium Altitude Long Endurance (MALE) drone discussed at the Drone Industry Conclave 2025?

- Ans
- ☒ 1. TAPAS
 - ☐ 2. NISAR
 - ☐ 3. RUSTOM
 - ☐ 4. VARUNA

Q.67 Find the value of m which satisfies $\left(\frac{11}{10}\right)^7 \times \left(\frac{10}{11}\right)^{10} \times \left(\frac{11}{10}\right)^9 = \left(\frac{10}{11}\right)^m$

- Ans
- ☐ 1. $-\frac{19}{3}$
 - ☒ 2. $-\frac{23}{3}$
 - ☐ 3. $-\frac{15}{3}$
 - ☐ 4. $-\frac{29}{3}$

Q.68 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$8 \div 7 + 56 \times 14 - 2 = ?$$

- Ans
- ☒ 1. 54
 - ☐ 2. 52
 - ☐ 3. 58
 - ☐ 4. 56

Q.69 P, Q, R, S, T, U and V are sitting around a circular table facing the centre. Both Q and V are immediate neighbours of S. V sits third to the left of T. R sits to the immediate left of T. U is not an immediate neighbour of V. How many people sit between S and U when counted from the right of S?

- Ans
- ☐ 1. 2
 - ☐ 2. 3
 - ☐ 3. 1
 - ☒ 4. 4

Q.70 Which keyboard shortcut is used to save an MS Excel workbook?

- Ans
- ☐ 1. Ctrl + P
 - ☐ 2. Ctrl + N
 - ☐ 3. Ctrl + O
 - ☒ 4. Ctrl + S

Q.71 In $\triangle ABC$, $BD \perp AC$ at D and $\angle DBC = 22^\circ$. E is a point on BC such that $\angle CAE = 36^\circ$. What is the measure of $\angle AEB$?

- Ans**
- ☐ 1. 102°
 - ☒ 2. 104°
 - ☐ 3. 101°
 - ☐ 4. 103°

Q.72 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: AIP :: MRV : %

- Ans**
- ☐ 1. # = IOT, % = WFN
 - ☐ 2. # = ELR, % = QUX
 - ☐ 3. # = QUX, % = ELR
 - ☒ 4. # = WFN, % = QUX

Q.73 Which Article of the Constitution of India allowed citizens to reside and settle in any part of the territory of India?

- Ans**
- ☐ 1. Article 15
 - ☐ 2. Article 18
 - ☒ 3. Article 19
 - ☐ 4. Article 22

Q.74 What was the labour force participation rate for males in India as reported in the 6th Annual Employment-Unemployment Survey conducted by the Labour Bureau?

- Ans**
- ☐ 1. 80.2%
 - ☐ 2. 70.1%
 - ☐ 3. 85.4%
 - ☒ 4. 76.4%

Q.75 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

GIM 8, HJN 11, IKO 14, JLP 17, ?

- Ans**
- ☐ 1. UVY 20
 - ☒ 2. KMQ 20
 - ☐ 3. UYZ 21
 - ☐ 4. TUY 21

Q.76 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All warriors are politicians.

All leaders are knights.

Some knights are warriors.

Conclusions:

(I) Some warriors are leaders.

(II) Some politicians are knights.

- Ans**
- ☐ 1. Only conclusion (I) follows.
 - ☐ 2. Neither conclusion (I) nor (II) follows.
 - ☐ 3. Both conclusions (I) and (II) follow.
 - ☒ 4. Only conclusion (II) follows.

Q.77 An internal trade route during the post-Mauryan empires, Uttarapatha, connected the:

- Ans**
- ☒ 1. northern and eastern parts of India with the northwestern region
 - ☐ 2. northern and southern parts of India with the northwestern region
 - ☐ 3. southern and eastern parts of India
 - ☐ 4. western and southern parts of India

Q.78 The curved surface area of a cylinder is half of its total surface area. If the height is 128 cm, then find the radius (in cm).

- Ans**
- ☐ 1. 137
 - ☒ 2. 128
 - ☐ 3. 138
 - ☐ 4. 122

Q.79 The power to issue writs for enforcement of Fundamental Rights is vested in the Supreme Court under which Article of the Indian Constitution?

- Ans**
- ☐ 1. Article 131
 - ☐ 2. Article 143
 - ☒ 3. Article 32
 - ☐ 4. Article 136

Q.80 If 276 is the mean proportion between x and 368, what is the value of x?

- Ans**
- ☐ 1. 208
 - ☒ 2. 207
 - ☐ 3. 205
 - ☐ 4. 209

Q.81 According to the 6th Annual Employment-Unemployment Survey conducted by the Labour Bureau, which age group had the highest participation in the labour force in India?

- Ans**
- ☐ 1. 18-24
 - ☐ 2. 30 years and above
 - ☐ 3. 15-18
 - ☒ 4. 25-29

Q.82 In a certain code language, 'flag dance best' is coded as 'xk tc kz' and 'mile flag wine' is coded as 'tc di gv'. How is 'flag' coded in the given language?

- Ans**
- ☐ 1. di
 - ☐ 2. xk
 - ☐ 3. kz
 - ☒ 4. tc

Q.83 Which region of the Northern Plains is made of older alluvium?

- Ans**
- ☐ 1. Khadar
 - ☒ 2. Bhangar
 - ☐ 3. Bhabar
 - ☐ 4. Terai

Q.84 Sum and product of all roots of $4x^3 - 8x^2 - 13x + 19 = 0$ is:

- Ans**
- ☐ 1. $4, \frac{-19}{2}$
 - ☐ 2. $1, \frac{-17}{4}$
 - ☐ 3. $3, \frac{-17}{2}$
 - ☒ 4. $2, \frac{-19}{4}$

Q.85 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. TQN
 - ☐ 2. WTQ
 - ☐ 3. URO
 - ☒ 4. KIE

Q.86 Select the pair that follows the same pattern as that followed by the two sets of pairs given below. Both pairs follow the same pattern.

JAY : MDB
PAN : SDQ

- Ans**
- ☐ 1. HEN : KHJ
 - ☐ 2. KUT : HRW
 - ☐ 3. RIC : ULZ
 - ☒ 4. UPC : XSF

Q.87 Which of the following indicators reflects inequality in the distribution of income among individuals in a population?

- Ans**
- ☐ 1. Dependency Ratio
 - ☐ 2. Labour Force Participation Rate
 - ☐ 3. Consumer Price Index
 - ☒ 4. Lorenz Curve

Q.88 In a row of 81 students facing north, Sima is 12th from the right end. If Manju is 9th to the left of Sima, what is Manju's position from the left end of the line?

- Ans**
- ☒ 1. 61st
 - ☐ 2. 52nd
 - ☐ 3. 47th
 - ☐ 4. 38th

Q.89 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

- Ans**
- ☐ 1. EI - DH
 - ☐ 2. NR - MQ
 - ☐ 3. RV - QU
 - ☒ 4. XZ - TL

Q.90 If $9.8 : 14.7 :: 15 : x$, find the value of x .

- Ans**
- ☐ 1. 19.9
 - ☒ 2. 22.5
 - ☐ 3. 21.7
 - ☐ 4. 23.2

Q.91 What is the SI unit of energy?

- Ans**
- ☒ 1. Joule
 - ☐ 2. Newton
 - ☐ 3. Watt
 - ☐ 4. Kelvin

Q.92 Which of the following elements, when poorly implemented, is most likely to undermine the credibility and impact of an otherwise well-researched MS PowerPoint presentation?

- Ans**
- ☐ 1. The inclusion of speaker notes for reference
 - ☐ 2. Embedding multimedia elements such as videos
 - ☐ 3. The choice of transition effects between slides
 - ☒ 4. Inconsistent use of slide masters and templates

Q.93 At what rate of interest (in percentage) per year will a sum of money double itself in 4 years on simple interest?

- Ans**
- ☐ 1. 23%
 - ☐ 2. 50%
 - ☐ 3. 27%
 - ☒ 4. 25%

Q.94 The Abhidhamma Pitaka explores which of the following areas in depth?

- Ans**
- ☒ 1. Ethics, mental phenomena, and psychological insights
 - ☐ 2. Political history
 - ☐ 3. Animal stories
 - ☐ 4. Folk tales

Q.95 The mode and median of data are 36.3 and 62, respectively. What is the mean of the data?

(Use the empirical formula)

- Ans**
- ☒ 1. 74.85
 - ☐ 2. 79.75
 - ☐ 3. 68.95
 - ☐ 4. 76.15

Q.96 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. C is kept immediately above F. G is kept immediately above B. Only E is kept above D. Only two boxes are kept above C. G is not kept in third position from the bottom. How many boxes are kept above G?

- Ans**
- ☒ 1. 5
 - ☐ 2. 2
 - ☐ 3. 4
 - ☐ 4. 3

Q.97 According to Global Debt Report 2025, what was the share of central bank holdings of domestic sovereign bonds in OECD countries in 2024?

- Ans**
- ☒ 1. 19%
 - ☐ 2. 25%
 - ☐ 3. 42%
 - ☐ 4. 35%

Q.98 Select the number from among the given options that can replace the question mark (?) in the following series.
89 103 94 108 99 113 104 ?

- Ans**
- ☐ 1. 123
 - ☒ 2. 118
 - ☐ 3. 98
 - ☐ 4. 95

Q.99 Emily Henry's novel about two rival writers competing to pen a biography of a notorious heiress is titled as:

- Ans**
- ☐ 1. Happy Place
 - ☐ 2. Book Lovers
 - ☐ 3. Funny Story
 - ☒ 4. Great Big Beautiful Life

Q.100 This question is based on the five, three-digit numbers given below.

(Left) 412 366 307 241 667 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is subtracted from the third digit of the lowest number?

- Ans**
- ☐ 1. -2
 - ☐ 2. -4
 - ☒ 3. -5
 - ☐ 4. -6



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	ION Digital Zone iDZ Sandalpur
Test Date	09/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 P, Q, R, S, T, U and V are sitting around a circular table facing the centre. Only one person sits between P and V when counted from the right of P. Only one person sits between V and U. Only one person sits between P and Q. Only two people sit between R and U. Only one person sits between T and Q. How many people sit between S and P when counted from the left of S?

- Ans**
- ☒ 1. 3
 - ☒ 2. 0
 - ☒ 3. 2
 - ☒ 4. 5

Q.2 Which country became the first in Africa to be acknowledged by the World Health Organization (WHO) for eliminating onchocerciasis (river blindness) in early 2025?

- Ans**
- ☒ 1. Italy
 - ☒ 2. Botswana
 - ☒ 3. South Africa
 - ☒ 4. Niger

Q.3 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

KF-MH-OQ
ID-KF-MO

- Ans**
- ☒ 1. HB-IC-KN
 - ☒ 2. HB-ID-KN
 - ☒ 3. GB-ID-KM
 - ☒ 4. GB-ID-KN

Q.4 What type of farming is practised in hill regions by cutting slopes into steps?

- Ans**
- ☒ 1. Terrace farming
 - ☒ 2. Mixed farming
 - ☒ 3. Extensive farming
 - ☒ 4. Wetland farming

Q.5 If the volume of a right circular cone of height 30 cm is $160\pi \text{ cm}^3$, find the diameter of its base.

- Ans**
- ☐ 1. 7 cm
 - ☒ 2. 8 cm
 - ☐ 3. 16 cm
 - ☐ 4. 13 cm

Q.6 What is the primary role of the Gram Panchayat in the Panchayati Raj System in India?

- Ans**
- ☒ 1. To serve as the executive body of village self-government
 - ☐ 2. To conduct provincial elections, helping the Election Commission
 - ☐ 3. To act as the judicial forum for local disputes
 - ☐ 4. To manage urban infrastructure

Q.7 The value of $3 + \tan^2 \theta + \cot^2 \theta - \sec^2 \theta \operatorname{cosec}^2 \theta$ is:

- Ans**
- ☐ 1. -1
 - ☐ 2. 2
 - ☐ 3. 0
 - ☒ 4. 1

Q.8 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$36 \div 15 - 175 \times 5 + 11 = ?$$

- Ans**
- ☒ 1. 564
 - ☐ 2. 464
 - ☐ 3. 524
 - ☐ 4. 484

Q.9 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

- Ans**
- ☒ 1. CG - LP
 - ☐ 2. QS - OQ
 - ☐ 3. SU - QS
 - ☐ 4. MO - KM

Q.10 Some marbles are to be packed in four boxes, A, B, C and D, in the proportion of 6 : 3 : 7 : 5. If box B has 400 less marbles than box D, then how many marbles are there in total in all the boxes?

- Ans**
- ☒ 1. 4200
 - ☐ 2. 4000
 - ☐ 3. 3900
 - ☐ 4. 4100

Q.11 A man bought 8 shirts at ₹550 each, 10 pants at ₹1,000 each and 12 pairs of shoes at ₹850 each pair. What is the average expenditure per article?

- Ans**
- ☐ 1. ₹840
 - ☐ 2. ₹826
 - ☒ 3. ₹820
 - ☐ 4. ₹836

Q.12 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: QYE :: BHP : %

- Ans**
- ☐ 1. # = GEU, % = RNF
 - ☐ 2. # = WKK, % = LBZ
 - ☒ 3. # = LBZ, % = GEU
 - ☐ 4. # = RNF, % = WKK

Q.13 Prakesh starts from point A and drives 11 km towards the south. He then takes a right turn, drives 7 km, turns right and drives 13 km. He then takes a right turn and drives 9 km. He takes a final right turn, drives 2 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90 degree turns only unless specified.)

- Ans**
- ☐ 1. 1 km to the west
 - ☐ 2. 3 km to the west
 - ☐ 3. 2 km to the east
 - ☒ 4. 2 km to the west

Q.14 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 4 6 & 8 \$ 7 & 3 9 # % 4 6 @ £ 5 Ω 9 # 1 * 7 (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by another number?

- Ans**
- ☒ 1. Two
 - ☐ 2. Four
 - ☐ 3. One
 - ☐ 4. Three

Q.15 Which languages were added to the Eighth Schedule by the 71st Amendment Act, 1992?

- Ans**
- ☐ 1. Kannada, Telugu and Marathi
 - ☐ 2. Bodo, Santhali and Maithili
 - ☒ 3. Konkani, Manipuri and Nepali
 - ☐ 4. Sindhi, Tamil and Urdu

Q.16 The original price of a music set is ₹8,000. The price is decreased by 12% and then raised by 25%. What is its new price (in ₹)?

- Ans**
- ☐ 1. 8,100
 - ☒ 2. 8,800
 - ☐ 3. 8,300
 - ☐ 4. 9,300

Q.17 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 8271634, how many digits will appear more than once in the new number thus formed?

- Ans**
- ☐ 1. Three
 - ☒ 2. Two
 - ☐ 3. None
 - ☐ 4. One

Q.18 What is the target length for the development of a national highway network in India by 2025?

- Ans**
- ☐ 1. 2.5 lakh km
 - ☐ 2. 1.5 lakh km
 - ☐ 3. 1 lakh km
 - ☒ 4. 2 lakh km

Q.19 M, N, O, P, Y and Z live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only M lives above N. Z lives immediately below N. Only P lives below O. Who lives on floor numbered 3?

- Ans**
- ☒ 1. Y
 - ☐ 2. M
 - ☐ 3. O
 - ☐ 4. Z

Q.20 The ratio of incomes of Seema and Darshan is 7 : 8. They save ₹15,000 and ₹9,000, respectively. If the ratio of their expenditures is 11 : 16, then what is the total expenditure (in ₹) of Seema and Darshan?

- Ans**
- ☐ 1. 68,000
 - ☐ 2. 63,000
 - ☐ 3. 64,000
 - ☒ 4. 64,125

Q.21 A person saves 40% of his income. If his expenditure is ₹960, then his income (in ₹) is:

- Ans**
- ☐ 1. 384
 - ☒ 2. 1,600
 - ☐ 3. 1,640
 - ☐ 4. 576

Q.22 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All jams are bands.
All bands are sacks.
No sack is a can.

Conclusions:

(I) No jam is a can.
(II) Some sacks are jams.

- Ans**
- ☐ 1. Only conclusion (II) follows.
 - ☒ 2. Both conclusions (I) and (II) follow.
 - ☐ 3. Neither conclusion (I) nor (II) follows.
 - ☐ 4. Only conclusion (I) follows.

Q.23 Which bank of India will mark its 90th anniversary in 2025?

- Ans**
- ☐ 1. Punjab National Bank
 - ☒ 2. Reserve Bank of India
 - ☐ 3. Indian Bank
 - ☐ 4. State Bank of India

Q.24 In a certain code language, 'FUSE' is coded as '3517' and 'SING' is coded as '2458'. What is the code for 'S' in the given code language?

- Ans
- ☐ 1. 8
 - ☐ 2. 1
 - ☒ 3. 5
 - ☐ 4. 2

Q.25 What name do the Jarawa tribe use to refer to their home in the Andaman Islands?

- Ans
- ☒ 1. Chaddhas
 - ☐ 2. Gitiora
 - ☐ 3. Morung
 - ☐ 4. Rangbang

Q.26 F, G, H, I, J, K and X are sitting around a circular table facing the centre of the table. H sits to the immediate right of F. Only three people sit between H and G when counted from the left of H. X sits third to the right of F. I sits to the immediate right of K. How many people sit between J and K when counted from the left of K?

- Ans
- ☐ 1. Three
 - ☐ 2. One
 - ☒ 3. Two
 - ☐ 4. Four

Q.27 Find roots of $5m^2 + 18m + 16 = 0$

- Ans
- ☐ 1. $-\frac{8}{5}$ and 4
 - ☐ 2. $\frac{8}{5}$ and -4
 - ☐ 3. $\frac{8}{5}$ and 2
 - ☒ 4. $-\frac{8}{5}$ and -2

Q.28 The arithmetic mean of the observations 79, 92, 39, 57, 91, 28, 74, 90 and 44 is:

- Ans
- ☐ 1. 71
 - ☐ 2. 59
 - ☐ 3. 61
 - ☒ 4. 66

Q.29 In a certain code language, 'how are you' is coded as 'jp zl rc' and 'are they coming' is coded as 'zl qn bt'. How is 'are' coded in the given language?

- Ans
- ☐ 1. qn
 - ☐ 2. jp
 - ☐ 3. bt
 - ☒ 4. zl

Q.30 In which of the following dance forms vocal music is not used?

- Ans
- ☐ 1. Bharatanatyam
 - ☐ 2. Odissi
 - ☒ 3. Chhau
 - ☐ 4. Kathak

Q.31 The 'Tirabhukti' mentioned in Gupta inscriptions corresponds to present-day ____.

- Ans ☒ 1. Bihar
☐ 2. Bengal
☐ 3. Odisha
☐ 4. Madhya Pradesh

Q.32 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 - Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(33, 429, 13)
(44, 220, 5)

- Ans ☐ 1. (20, 363, 18)
☒ 2. (43, 903, 21)
☐ 3. (30, 363, 12)
☐ 4. (4, 23, 5)

Q.33 If '-' means '+', '+' means 'x', 'x' means '+' and '+' means '-', then what will come in place of the question mark (?) in the following equation?

$$5 \times 39 \div 1407 - 3 + 11562 = ?$$

- Ans ☐ 1. 3426
☐ 2. 1120
☒ 3. 6734
☐ 4. 9074

Q.34 In India, which region is NOT suitable for tube-well irrigation due to non-alluvial tracts?

- Ans ☒ 1. Plateau regions
☐ 2. Punjab
☐ 3. Coastal Plains
☐ 4. Western Uttar Pradesh

Q.35 While covering a distance of 54 km, a man noticed that after cycling for some time, the remaining distance was $\frac{1}{3}$ of the remaining distance. What was his speed (in km/hr)?

- Ans ☒ 1. 18.9
☐ 2. 18.7
☐ 3. 19.5
☐ 4. 19.9

Q.36 If goods are purchased at ₹450 and $\frac{1}{3}$ are sold at a loss of 10%, at what price are the remaining goods sold on the whole transaction?

- Ans ☒ 1. 35%
☐ 2. 32%
☐ 3. 26%
☐ 4. 28%

Q.37 The ratio of the lengths of two corresponding sides of two similar triangles is 15 : 14. The ratio of the areas of these two triangles, in the order mentioned, is:

- Ans**
- ☐ 1. 226 : 197
 - ☐ 2. 15 : 14
 - ☐ 3. $15\sqrt{15} : 14$
 - ☒ 4. 225 : 196

Q.38 In MS Word, which feature allows users to set the margins of a document, affecting the space between the text and the edges of the page?

- Ans**
- ☐ 1. Page Layout
 - ☐ 2. Page Size
 - ☒ 3. Margins
 - ☐ 4. Page Borders

Q.39 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. GJ - DG
 - ☐ 2. PS - MP
 - ☒ 3. RK - JH
 - ☐ 4. EH - BE

Q.40 In November 2024, India and Singapore conducted a joint military exercise named Agni Warrior 2024. Where was this exercise held?

- Ans**
- ☒ 1. Devlali, Maharashtra
 - ☐ 2. Jaisalmer, Rajasthan
 - ☐ 3. Babina, Uttar Pradesh
 - ☐ 4. Pulgaon, Maharashtra

Q.41 NASA astronaut Sunita Williams returned to Earth in March 2025 after her mission aboard a SpaceX capsule. How much time had she spent in space?

- Ans**
- ☐ 1. 578 days
 - ☐ 2. 502 days
 - ☐ 3. 212 days
 - ☒ 4. 608 days

Q.42 The length, width and height of a cuboid are in the ratio 10 : 17 : 14, and its total surface area is 1096 cm^2 . Find the length (in cm) of the cuboid.

- Ans**
- ☐ 1. 17
 - ☐ 2. 1
 - ☐ 3. 5
 - ☒ 4. 10

Q.43 The value of $17^3 - 10^2 + \left(\frac{26}{13}\right)^2 - 12 + 20 \times 12 =$

- Ans**
- ☐ 1. 5046
 - ☐ 2. 5040
 - ☐ 3. 5055
 - ☒ 4. 5045

Q.44 Vijay's salary was first reduced by 16% and subsequently raised by 11%. What percentage was his final salary lower compared to his initial salary?

- Ans**
- ☐ 1. 11%
 - ☒ 2. 6.76%
 - ☐ 3. 1.76%
 - ☐ 4. 16%

Q.45 What is the purpose of creating subfolders when organizing files?

- Ans**
- ☐ 1. To automatically back up files to the cloud
 - ☒ 2. To group related files together for better management
 - ☐ 3. To change file extensions
 - ☐ 4. To reduce the file size

Q.46 The average weight of A, B and C is 45 kg. If the average weight of A and B is 40 kg and that of B and C is 42 kg, then the weight of B (in kg) is:

- Ans**
- ☐ 1. 19
 - ☒ 2. 29
 - ☐ 3. 39
 - ☐ 4. 44

Q.47 What was the theme of Expo 2025 in Osaka, Japan?

- Ans**
- ☐ 1. Better City, Better Life
 - ☐ 2. Connecting Minds, Creating the Future
 - ☐ 3. Feeding the Planet, Energy for Life
 - ☒ 4. Designing Future Society for Our Lives

Q.48 Refer to the following letter and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 7 * £ 5 8 \$ 7 3 * 9 & % 4 6 @ 9 # 1 & 3 Ω (Right)

How many such symbols are there each of which is immediately preceded by a symbol and also immediately followed by a number?

- Ans**
- ☐ 1. Four
 - ☐ 2. One
 - ☒ 3. Two
 - ☐ 4. Three

Q.49 What are the wavelength and type of the laser used in a standard CD-ROM drive?

- Ans**
- ☐ 1. 650 nm; red laser
 - ☐ 2. 400 nm; blue laser
 - ☒ 3. 780 nm; infrared laser
 - ☐ 4. 850 nm; near-infrared laser

Q.50 Deepesh has 168 litres of Oil A and 234 litres of Oil B. He fills a number of identical containers with the two types of oil in a manner that each container has only one type of oil, and all containers are completely filled. What can be the maximum volume (in litres) of each container that Deepesh uses, so that all the oil that Deepesh has, of both the types, can be poured into these containers?

- Ans**
- ☐ 1. 14
 - ☐ 2. 5
 - ☐ 3. 10
 - ☒ 4. 6

Q.51 Babita travels a certain distance at a speed of 11 km/hr and double the earlier distance at 44 km/hr. She then returns to the starting point through the same route. If her average speed for the entire journey is 34 km/hr, then what is her speed (in km/hr) for the return journey?

- Ans**
- ☐ 1. 79
 - ☐ 2. 70
 - ☐ 3. 76.8
 - ☒ 4. 74.8

Q.52 For a regular polygon, the sum of the interior angles is 250% more than the sum of its exterior angles. Each interior angle of the polygon measures x° . What is the value of x ?

- Ans**
- ☐ 1. 150
 - ☐ 2. 120
 - ☐ 3. 145
 - ☒ 4. 140

Q.53 What was the Total Fertility Rate (TFR) in India as per the latest National Family Health Survey - 5 (2019-21)?

- Ans**
- ☐ 1. 2.1
 - ☐ 2. 2.2
 - ☐ 3. 2.3
 - ☒ 4. 2.0

Q.54 Which statement is correct with reference to artificially produced elements?

- Ans**
- ☐ 1. They are stable like natural elements.
 - ☐ 2. They are long-lived.
 - ☒ 3. They are short-lived.
 - ☐ 4. They are found in all groups of the table.

Q.55 In November 2024, the birth anniversary of the tribal leader Birsa Munda was celebrated as:

- Ans**
- ☐ 1. Vanvasi Diwas
 - ☒ 2. Janjatiya Gaurav Divas
 - ☐ 3. Adivasi Swabhiman Diwas
 - ☐ 4. Tribal Freedom Day

Q.56 Kavish ranked 38th from the top and 15th from the bottom in his class. How many students are there in his class?

- Ans**
- ☐ 1. 50
 - ☐ 2. 51
 - ☒ 3. 52
 - ☐ 4. 53

Q.57 The first armed tribal rebellion against the British is considered to have taken place in:

- Ans**
- ☐ 1. 1795
 - ☐ 2. 1768
 - ☐ 3. 1800
 - ☒ 4. 1784

Q.58 F is the brother of G.
G is the husband of H.
H is the daughter of I.
I is the wife of J.
How is F related to J?

- Ans**
- ☐ 1. Father
 - ☒ 2. Daughter's husband's brother
 - ☐ 3. Brother
 - ☐ 4. Daughter's husband's father

Q.59 If 3 times the mother's present age is 36 years more than 5 times her daughter's age, and 3 times the daughter's age is 4 years less than the mother's age, then what is the difference (in years) between the present ages of the mother and the daughter?

- Ans**
- ☐ 1. 20
 - ☒ 2. 16
 - ☐ 3. 18
 - ☐ 4. 13

Q.60 How many molecules are present in 2 moles of CO_2 ?

- Ans**
- ☐ 1. 3.011×10^{23}
 - ☐ 2. 6.022×10^{23}
 - ☐ 3. 12.044×10^{23}
 - ☒ 4. 1.2044×10^{24}

Q.61 Rakesh invests a sum of ₹5,000 and Shivam invests a sum of ₹9,000 at the same rate of simple interest per annum. If, at the end of 3 years, Shivam gets ₹360 more interest than Rakesh, then find the rate of interest per annum (in percentage).

- Ans**
- ☒ 1. 3%
 - ☐ 2. 5%
 - ☐ 3. 2%
 - ☐ 4. 1%

Q.62 Which country lies to the east of Arunachal Pradesh?

- Ans**
- ☐ 1. Bangladesh
 - ☐ 2. Bhutan
 - ☒ 3. Myanmar
 - ☐ 4. China

Q.63 Which Indian Constitutional Amendment Act has NOT amended anything in the Directive Principles of the State Policy?

- Ans**
- ☐ 1. 86th Amendment Act
 - ☐ 2. 97th Amendment Act
 - ☐ 3. 42nd Amendment Act
 - ☒ 4. 48th Amendment Act

Q.64 Simplify: $81 + \frac{76}{2} + 42 - 86$

- Ans**
- ☐ 1. 72
 - ☒ 2. 75
 - ☐ 3. 85
 - ☐ 4. 81

Q.65 During the 2025 demonstration, which types of drones were successfully destroyed by DRDO's DEW Mk-II(A)?

- Ans
- ☐ 1. Helicopter drones
 - ☐ 2. Racing drones
 - ☒ 3. Fixed-wing UAVs and Swarm drones
 - ☐ 4. Underwater drones

Q.66 Rishi has ₹1,612 with him. He divided it amongst his sons Shan and Piyush and asked them to invest it at 8% rate of interest per annum, compounded annually. It was seen that Shan and Piyush got the same amount after 19 and 20 years, respectively. How much (in ₹) did Rishi give to Shan?

- Ans
- ☒ 1. ₹837
 - ☐ 2. ₹775
 - ☐ 3. ₹875
 - ☐ 4. ₹687

Q.67 The fraction equivalent to 8.27272... is:

- Ans
- ☐ 1. $\frac{83}{12}$
 - ☒ 2. $\frac{91}{11}$
 - ☐ 3. $\frac{89}{8}$
 - ☐ 4. $\frac{84}{17}$

Q.68 Which of the following statements accurately reflect the outcomes of the 2024 Jammu and Kashmir Assembly elections?

1. The Congress-JKNC alliance secured a majority with 48 seats.
2. The BJP emerged as the single largest party with 29 seats.
3. Voter turnout was recorded at 63.88%, showing a significant rise compared to the recently concluded Lok Sabha election.
4. The newly elected assembly holds full legislative powers equivalent to other Indian states.

- Ans
- ☐ 1. Only 1, 2 and 3
 - ☐ 2. Only 1, 3 and 4
 - ☐ 3. Only 2 and 4
 - ☒ 4. Only 1 and 3

Q.69 X is directly proportional to A^2 and A is inversely proportional to Y. If X is 97 when Y is 6, find X when Y is 2.

- Ans
- ☐ 1. 871
 - ☐ 2. 875
 - ☐ 3. 872
 - ☒ 4. 873

Q.70 What is the mean of the following distribution?

Marks	14	26	44	61	84
No. of Students	91	78	95	36	98

- Ans**
- ☒ 1. 46
 - ☒ 2. 69
 - ☒ 3. 45
 - ☒ 4. 54

Q.71 In March 2025, NITI Aayog released the 'Future Front: Quarterly Frontier Tech Insights' report. What is the primary focus of this report?

- Ans**
- ☒ 1. Reviewing the performance of state-run healthcare programs
 - ☒ 2. Assessing India's agricultural productivity trends
 - ☒ 3. Analysing the impact of climate change on coastal regions
 - ☒ 4. Evaluating advancements and investments in quantum computing technologies

Q.72 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

NQ31, MP40, LO49, KN58, ?

- Ans**
- ☒ 1. JM66
 - ☒ 2. JM67
 - ☒ 3. JN67
 - ☒ 4. JN66

Q.73 A shopkeeper marked his goods at X% above their cost price and sold them at a discount of 10%. If he gained 71% profit, then find the value of X.

- Ans**
- ☒ 1. 89
 - ☒ 2. 90
 - ☒ 3. 92
 - ☒ 4. 91

Q.74 This question is based on the five, three-digit numbers given below.

(Left) 535 647 232 804 152 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is subtracted from the third digit of the lowest number?

- Ans**
- ☒ 1. 5
 - ☒ 2. 3
 - ☒ 3. 1
 - ☒ 4. 2

Q.75 What should come in place of the question mark (?) in the given series?

401 400 397 392 385 ?

- Ans**
- ☒ 1. 376
 - ☒ 2. 372
 - ☒ 3. 374
 - ☒ 4. 375

Q.76 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.

BAIL - ALIB - LIAB
 DEAF - EFAD - FAED

- Ans ☒ 1. GOLD - ODLG - LGOD
☒ 2. MEAN - MAEN - NAEM
☒ 3. BOLD - ODLB - DLOB
☒ 4. LEAN - ELAN - NEAL

Q.77 How many total islands/islets/rocky outcrops are there in the Andaman & Nicobar Islands as per the Andaman and Nicobar Administration?

- Ans ☒ 1. 612
☒ 2. 836
☒ 3. 1002
☒ 4. 742

Q.78 Which organisation does the Ministry of Rural Development cooperate with for rural development in Asia and the Pacific?

- Ans ☒ 1. African-Asian Rural Development Organization (AARDO)
☒ 2. Centre on Integrated Rural Development for Asia and Pacific (CIRDAP)
☒ 3. Asian Development Bank (ADB)
☒ 4. World Bank

Q.79 A group of numbers/symbols is coded using letter codes as per the codes given below and the conditions that follow. If none of the conditions apply, then codes for the respective number/symbol to be followed directly as given in the table.

Number/ Symbol	8	9	@	&	5	7	2	%	1	3	Δ	4	6
Code	L	C	Z	N	D	W	A	P	R	T	F	B	K

Conditions:

- (i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
 (ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
 (iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?

7 6 @ 1 3 &

- Ans ☒ 1. WKZRTW
☒ 2. NKZRTN
☒ 3. WKZRTN
☒ 4. WKRZTN

Q.80 In MS Word, which command allows users to duplicate a selected block of text and place the copy at a different location within the same document or another document?

- Ans ☒ 1. Paste Special
☒ 2. Drag and Drop
☒ 3. Cut
☒ 4. Copy and Paste

Q.81 Which of the following is NOT an industrial corridor planned under the Government of India's infrastructure initiatives?

- Ans**
- ☐ 1. Chennai-Bengaluru Industrial Corridor
 - ☐ 2. Vizag-Chennai Industrial Corridor
 - ☒ 3. Kolkata-Lucknow Industrial Corridor
 - ☐ 4. Delhi-Mumbai Industrial Corridor

Q.82 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6.
The product of floors on which F and D live is 15. E lives immediately above C. The sum of floors on which A and D live is 7.
What is the sum of floors on which A and E live?

- Ans**
- ☒ 1. 6
 - ☐ 2. 7
 - ☐ 3. 8
 - ☐ 4. 5

Q.83 A can lay a railway track between two given stations in 8 days and B can do the same job in 24 days. With the help of C, they can do the job in 3 days. C alone can do the job in:

- Ans**
- ☐ 1. 7 days
 - ☒ 2. 6 days
 - ☐ 3. 8 days
 - ☐ 4. 9 days

Q.84 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

NTZ LRX JPV HNT ?

- Ans**
- ☐ 1. FRL
 - ☐ 2. RLF
 - ☒ 3. FLR
 - ☐ 4. RFL

Q.85 The Chuar Rebellion, which emerged as a culmination of the economic grievances of ordinary peasants and hereditary workers, reached its peak during which of the following years?

- Ans**
- ☐ 1. 1901-02
 - ☐ 2. 1857-58
 - ☒ 3. 1798-99
 - ☐ 4. 1710-11

Q.86 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 5673128, what will be the difference between the digits which are third from the left and second from the right in the new number thus formed?

- Ans**
- ☐ 1. 6
 - ☒ 2. 8
 - ☐ 3. 7
 - ☐ 4. 9

Q.87 What prompted changes in the State Co-operative Societies Acts?

- Ans**
- ☐ 1. Limited number of societies
 - ☒ 2. Poor quality of functioning
 - ☐ 3. Rise in taxes
 - ☐ 4. Political interests

Q.88 Kapil starts from point A and drives 9 km towards west. He then takes a right turn, drives 1 km, turns right and drives 5 km. He then takes a left turn and drives 3 km. He then takes a left turn and drive 5 km. He then takes a right turn and drives 8 km. He takes a final right turn, drives 9 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again (all turns are 90° turns only unless specified)?

- Ans**
- ☐ 1. 12 km north
 - ☐ 2. 10 km south
 - ☒ 3. 12 km south
 - ☐ 4. 11 km north

Q.89 Select the number from among the given options that can replace the question mark (?) in the following series.
29 33 41 53 ? 89 113

- Ans**
- ☐ 1. 79
 - ☒ 2. 69
 - ☐ 3. 63
 - ☐ 4. 71

Q.90 A water tank can be filled in 29 minutes by using 23 pipes of the same capacity. In how many minutes (rounded off to two decimal places) will the water tank be filled if we use 47 pipes of the same capacity as above?

- Ans**
- ☐ 1. 21.97
 - ☒ 2. 14.19
 - ☐ 3. 24.44
 - ☐ 4. 17.43

Q.91 Which country ranked highest overall in the Climate Change Performance Index 2025?

- Ans**
- ☐ 1. France
 - ☐ 2. Sweden
 - ☐ 3. Germany
 - ☒ 4. Denmark

Q.92 In March 2025, which health milestone was remembered on National Vaccination Day?

- Ans**
- ☒ 1. Pulse Polio First Dose
 - ☐ 2. National Vax Mission
 - ☐ 3. Launch of COVID Vaccine
 - ☐ 4. Polio Eradication Drive

Q.93 Which authority decides citizenship for people in newly added territories?

- Ans**
- ☐ 1. State Government
 - ☒ 2. Union Government
 - ☐ 3. Election Commission
 - ☐ 4. Supreme Court

Q.94 If $x - \frac{1}{x} = 3$, then the value of $x^4 + \frac{1}{x^4}$ is:

- Ans ☒ 1. 119
☐ 2. 19
☐ 3. 196
☐ 4. 176

Q.95 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: QVR :: CHD : %

- Ans ☐ 1. # = LJM, % = NHG
☒ 2. # = LQM, % = HMI
☐ 3. # = PMM, % = JUY
☐ 4. # = GYT, % = NYU

Q.96 A new mutation allows Plasmodium falciparum to exit the liver without maturing into merozoites. What would be the immediate consequence?

- Ans ☐ 1. Increased severity of disease
☐ 2. Direct infection of alveoli
☐ 3. Immediate immune response and clearance
☒ 4. Absence of RBC rupture and reduced clinical symptoms

Q.97 What is the primary function of Alt + Tab in most modern operating systems?

- Ans ☐ 1. Opens a new tab in the current application
☒ 2. Switches between open applications
☐ 3. Minimises the active window
☐ 4. Opens Task Manager directly

Q.98 The female counterpart of the male Bhangra is called:

- Ans ☒ 1. Giddha
☐ 2. Ghoomar
☐ 3. Kalbelia
☐ 4. Garba

Q.99 Bholanath Singh was the leader of which of the following revolts?

- Ans ☐ 1. Wahabi Movement
☒ 2. Tamar Revolt
☐ 3. Santhal Revolt
☐ 4. Farazi Movement

Q.100 In one of his famous works, Yahya bin Ahmad Sirhindi claims that the founder of _____ was a descendant of the Prophet.

- Ans ☒ 1. Sayyid Dynasty
☐ 2. Tughlaq Dynasty
☐ 3. Ghurid Dynasty
☐ 4. Ghaznavid Dynasty



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	iON Digital Zone iDZ Shahpur
Test Date	09/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 Who is referred to as the 'Father of the Indian Renaissance' due to their contribution in social reform, literary works and unwavering patriotism?

- Ans ☒ 1. Raja Ram Mohan Roy
☐ 2. Atmaram Pandurang
☐ 3. Swami Vivekanand
☐ 4. Dayanand Saraswati

Q.2 The irrigation method in India that distributes water through pipes under low pressure to each plant is called:

- Ans ☐ 1. furrow irrigation
☐ 2. tubewell irrigation
☒ 3. localised irrigation
☐ 4. canal irrigation

Q.3 AB is parallel to CD. A transversal PQ intersects AB and CD at E and F, respectively, and $\angle PEB = 49^\circ$. G is a point between AB and CD such that $\angle BEG = 35^\circ$ and $\angle GFE = 16^\circ$. What is the measure of $\angle EGF$?

- Ans ☒ 1. 68°
☐ 2. 59°
☐ 3. 60°
☐ 4. 57°

Q.4 What was the Gross Enrollment Ratio (GER) in higher education in India according to the All India Survey on Higher Education, 2021-22?

- Ans ☐ 1. 30.8%
☒ 2. 28.4%
☐ 3. 24.2%
☐ 4. 26.6%

Q.5 Which of the following statements is correct?

- Ans ☐ 1. CD is a volatile storage medium.
☒ 2. ASCII represents characters as numerical codes.
☐ 3. LAN supports networking over large geographic areas.
☐ 4. ASCII is primarily used for high-speed data transmission networks.

Q.6 F is the sister of G. G is the husband of H. H is the daughter of I. I is the wife of J.
How is F related to J?

- Ans**
- ☐ 1. Sister
 - ☐ 2. Mother
 - ☐ 3. Daughter's husband's mother
 - ☒ 4. Daughter's husband's sister

Q.7 Two poles of height 12 m and 20 m are fixed to a level ground. The distance between the bottom of the poles is 15 m. What is the distance (in m) between their tops?

- Ans**
- ☒ 1. 17
 - ☐ 2. 16
 - ☐ 3. 25
 - ☐ 4. 20

Q.8 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

BIG DKI FMK HOM ?

- Ans**
- ☐ 1. JRP
 - ☐ 2. JRO
 - ☐ 3. JQP
 - ☒ 4. JQO

Q.9 The Supreme Court described itself as the "sentinel on the qui vive" in relation to _____.

- Ans**
- ☒ 1. Protection of Fundamental Rights
 - ☐ 2. Protection of tax laws
 - ☐ 3. Protection of legislative privileges
 - ☐ 4. Protection of foreign policy

Q.10 In which year did the National Development Council (NDC) recommend a national policy on co-operatives?

- Ans**
- ☐ 1. 1947
 - ☐ 2. 1962
 - ☒ 3. 1958
 - ☐ 4. 1975

Q.11 The 2025 SEA Games were scheduled to be held in which country?

- Ans**
- ☐ 1. Vietnam
 - ☒ 2. Thailand
 - ☐ 3. Malaysia
 - ☐ 4. Indonesia

Q.12 Which ruler of the Western Kshatrapas dynasty is primarily known for restoring the Sudarshana Lake in Kathiawar?

- Ans**
- ☒ 1. Rudradaman I
 - ☐ 2. Maues
 - ☐ 3. Azes
 - ☐ 4. Nahapana

Q.13 The value of $19^3 - 14^2 + \left(\frac{8}{2}\right)^2 - 19 + 5 \times 20 =$

- Ans ☒ 1. 6760
☐ 2. 6753
☐ 3. 6758
☐ 4. 6761

Q.14 A certain number is divided into two parts such that 5 times the first part added to 14 times the second part makes 7 times the whole. The ratio of the second part to the first part is:

- Ans ☐ 1. 7 : 2
☐ 2. 1 : 7
☐ 3. 7 : 1
☒ 4. 2 : 7

Q.15 In the ministerial hierarchy in India, Ministers of State generally have:

- Ans ☐ 1. no executive responsibility in any of the portfolios
☐ 2. equal standing with Cabinet Ministers in their assigned portfolios
☒ 3. secondary rank within the portfolios assigned to Cabinet Ministers
☐ 4. authority over the Cabinet portfolios

Q.16 Arrange the following states in descending order based on the number of seats won by the Bharatiya Janata Party (BJP) in their respective 2024-2025 assembly elections.

1. Delhi
2. Maharashtra
3. Jammu and Kashmir
4. Jharkhand

- Ans ☒ 1. $2 > 1 > 3 > 4$
☐ 2. $1 > 2 > 3 > 4$
☐ 3. $2 > 3 > 1 > 4$
☐ 4. $3 > 2 > 1 > 4$

Q.17 The Chalukyas of Badami were founded by:

- Ans ☐ 1. Vikramaditya I
☐ 2. Mangalesha
☐ 3. Kirttivarman I
☒ 4. Pulakesin I

Q.18 In Warli painting, which natural material is used in the first step called 'Lipane' to prepare the wall?

- Ans ☒ 1. Geru
☐ 2. Charcoal
☐ 3. Rice paste
☐ 4. Sand

Q.19 As of April 2025, Similipal - designated as the second national park of the state - is located in:

- Ans ☐ 1. Assam
☒ 2. Odisha
☐ 3. Gujarat
☐ 4. Madhya Pradesh

Q.20 The Great Plateau of India is a part of which ancient landmass?

- Ans**
- ☐ 1. Angaraland
 - ☐ 2. Laurasia
 - ☐ 3. Pangaea
 - ☒ 4. Gondwana Land

Q.21 Where did the fifth session of the Intergovernmental Negotiating Committee (INC-5) to end plastic pollution take place?

- Ans**
- ☐ 1. Nairobi, Kenya
 - ☐ 2. Berlin, Germany
 - ☐ 3. Tokyo, Japan
 - ☒ 4. Busan, South Korea

Q.22 The mean proportional between $(11 + 5\sqrt{2})$ and $(9 - 5\sqrt{2})$ is:

- Ans**
- ☐ 1. $20\sqrt{1}$
 - ☐ 2. $14\sqrt{1}$
 - ☐ 3. $18\sqrt{1}$
 - ☒ 4. $7\sqrt{1}$

Q.23 Who inaugurated the Shri S Ramakrishnan Centre of Excellence at IIT Madras in 2025?

- Ans**
- ☒ 1. ISRO Chairman
 - ☐ 2. Director of IIT Madras
 - ☐ 3. Union Minister for Space
 - ☐ 4. Scientific Secretary of ISRO

Q.24 The arithmetic mean of the observations 78, 56, 52, 45, 97, 19, 37, 46 and 74 is:

- Ans**
- ☐ 1. 64
 - ☒ 2. 56
 - ☐ 3. 61
 - ☐ 4. 48

Q.25 Which of the following is NOT a subdivision of the Meghalaya Plateau?

- Ans**
- ☐ 1. Garo Hills
 - ☒ 2. Mikir Hills
 - ☐ 3. Jaintia Hills
 - ☐ 4. Khasi Hills

Q.26 Which of the following measures the percentage of a country's population living below the poverty line?

- Ans**
- ☐ 1. Gini Coefficient
 - ☐ 2. Human Development Index
 - ☐ 3. Unemployment Rate
 - ☒ 4. Poverty Headcount Ratio

Q.27 9 men or 8 women can do a job in 19 days. 9 men work for 9 days and leave. The number of women required to complete the remaining work in 8 days is:

- Ans**
- ☐ 1. 11
 - ☐ 2. 12
 - ☒ 3. 10
 - ☐ 4. 8

Q.28 What was Abhinash Jamwal's achievement at the 2025 World Boxing Cup?

- Ans**
- ☐ 1. He did not win any medal.
 - ☐ 2. He won a bronze medal in the 65 kg category.
 - ☒ 3. He bagged a silver medal in the 65 kg category.
 - ☐ 4. He won a gold medal in the 65 kg category.

Q.29 In a certain code language, 'PAID' is coded as '3517' and 'ARCS' is coded as '2458'. What is the code for 'A' in the given code language?

- Ans**
- ☒ 1. 5
 - ☐ 2. 2
 - ☐ 3. 8
 - ☐ 4. 7

Q.30 KQRL is related to OTTM in a certain way based on the English alphabetical order. In the same way, SWVN is related to WZXO. To which of the given options is ACZP related, following the same logic?

- Ans**
- ☒ 1. EFBQ
 - ☐ 2. FDZR
 - ☐ 3. DEAP
 - ☐ 4. DGBP

Q.31 Which of the following methods is the quickest way to open an existing MS Excel spreadsheet?

- Ans**
- ☐ 1. Open MS Excel and click Blank Workbook
 - ☒ 2. Double-click the .xlsx file in File Explorer
 - ☐ 3. Use the Alt + F4 shortcut
 - ☐ 4. Press Ctrl + N

Q.32 In MS PowerPoint 2019, which of the following tabs must you first select to access the 'Open' option for loading a saved PowerPoint file?

- Ans**
- ☒ 1. File tab
 - ☐ 2. Design tab
 - ☐ 3. Insert tab
 - ☐ 4. Home tab

Q.33 All 92 people are standing in a row facing north. Manju is 16th from the left end while Nisha is 9th from the right end. How many people are there between Manju and Nisha?

- Ans**
- ☐ 1. 48
 - ☐ 2. 58
 - ☒ 3. 67
 - ☐ 4. 65

Q.34 Which agreement is linked to the Citizenship (Amendment) Act, 1985?

- Ans**
- ☐ 1. Kashmir Agreement
 - ☒ 2. Assam Accord
 - ☐ 3. Indo-Sri Lanka Pact
 - ☐ 4. Shimla Agreement

Q.35 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

- Ans**
- ☒ 1. ST - YZ
 - ☒ 2. QR - WX
 - ☒ 3. GH - OM
 - ☒ 4. LM - RS

Q.36 Which of the following countries is separated from India by maritime boundary only?

- Ans**
- ☒ 1. Maldives
 - ☒ 2. Nepal
 - ☒ 3. Myanmar
 - ☒ 4. Bhutan

Q.37 Which of the following is true about trichomes on the stem?

- Ans**
- ☒ 1. They are present only in the roots.
 - ☒ 2. They never function in water retention.
 - ☒ 3. They are multicellular and may be secretory.
 - ☒ 4. They are always unbranched and unicellular.

Q.38 If 'A' stands for '+', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '-', then the resultant of which of the following would be 5?

- Ans**
- ☒ 1. 96 D 12 C 45 B 3 A 14
 - ☒ 2. 96 C 12 B 45 A 3 D 14
 - ☒ 3. 96 B 12 D 45 A 3 C 14
 - ☒ 4. 96 A 12 D 45 C 3 B 14

Q.39 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6.

The product of floors on which E and F live is 10. A lives immediately above C. The sum of floors on which B and E live is 11.

What is the sum of floors on which C and D live?

- Ans**
- ☒ 1. 4
 - ☒ 2. 6
 - ☒ 3. 7
 - ☒ 4. 5

Q.40 Walking at $\frac{2}{3}$ of his normal speed, Abhijeet is 28 minutes late in reaching his home.

The usual time taken by him to cover the distance between his home and office is _____ minutes.



- Ans**
- ☒ 1. 49 minutes
 - ☒ 2. 55 minutes
 - ☒ 3. 62 minutes
 - ☒ 4. 56 minutes

Q.41 D, E, F, G, H, I and K are sitting around a circular table facing the centre of the table. I sits third to the left of H. E sits second to the left of G. Only H sits between D and E. K is not an immediate neighbour of I. How many people sit between F and E when counted from the right of F?

- Ans**
- ☐ 1. Three
 - ☐ 2. Four
 - ☒ 3. Two
 - ☐ 4. One

Q.42 In the context of file systems, what is the primary purpose of a file system 'metadata'?

- Ans**
- ☐ 1. To store the actual content and data of the files
 - ☐ 2. To optimise the physical storage of file data on the storage device for faster access
 - ☒ 3. To record information about the files and directories, such as their names, sizes, timestamps and permissions
 - ☐ 4. To define the graphical representation of files and folders for the user

Q.43 If 2% of $x = 24$, then x is equal to:

- Ans**
- ☒ 1. 1200
 - ☐ 2. 1300
 - ☐ 3. 2500
 - ☐ 4. 2400

Q.44 The first parallel government, following the Quit India Movement, was established in which city?

- Ans**
- ☒ 1. Satara
 - ☐ 2. Talchar
 - ☐ 3. Ballia
 - ☐ 4. Benaras

Q.45 If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 2645783, what will be the sum of the highest and lowest digits in the new number thus formed?

- Ans**
- ☐ 1. 16
 - ☒ 2. 10
 - ☐ 3. 12
 - ☐ 4. 14

Q.46 Let AB and CD be two parallel lines and PQ be a transversal, such that PQ intersects AB at the point R and CD at the point S. If $\angle ARP = 2x^\circ$, $\angle ARQ = y^\circ$ and $\angle DSP = 4x^\circ$, then find the values of x and y , respectively.

- Ans**
- ☐ 1. 40; 100
 - ☐ 2. 120; 30
 - ☐ 3. 100; 40
 - ☒ 4. 30; 120

Q.47 Which of the following does NOT contribute much to the degradation of the Thar Desert ecosystem?

- Ans**
- ☐ 1. Climate change
 - ☐ 2. Erratic rainfall
 - ☐ 3. Grazing by livestock
 - ☒ 4. Increased plantation of native trees

Q.48 If $x + y = 14$, product of x and y is 45, then the value of $x^4 + y^4$ is:

- Ans
- ☐ 1. 7177
 - ☒ 2. 7186
 - ☐ 3. 7141
 - ☐ 4. 7090

Q.49 Rohit bought an article for ₹4,400. He spent ₹3,600 on it. He marked the price 25% above his total cost price. He then allowed two successive discounts of 19% on it. Find the selling price (in ₹) of the article.

- Ans
- ☒ 1. 6,561
 - ☐ 2. 6,564
 - ☐ 3. 6,563
 - ☐ 4. 6,560

Q.50 Which of the following programmes received the highest score in the Data Governance Quality Index (DGQI) for the Department of Rural Development for the year 2023-24?

- Ans
- ☐ 1. Pradhan Mantri Gram Sadak Yojana
 - ☐ 2. MGNREGA-Programme Component
 - ☒ 3. National Social Assistance Programme
 - ☐ 4. Deen Dayal Upadhyaya Grameen Kaushalya Yojana

Q.51 Which of the following statements correctly describe(s) the 'Gorakhnath Sharma vs. State of Chhattisgarh' case, as ruled by the Chhattisgarh High Court in February 2025?

The case involved allegations of brutal non-consensual sexual assault by a husband on his wife, leading to her death.
The Chhattisgarh High Court convicted the husband and awarded maximum punishment in the case of rape.

- Ans
- ☐ 1. Both 1 and 2
 - ☐ 2. Neither 1 nor 2
 - ☒ 3. Only 1
 - ☐ 4. Only 2

Q.52 If the quadratic equations $4x^2 + bx + 3 = 0$ and $8x^2 + 4x + c = 0$ have both the roots common, find the values for b and c , respectively.

- Ans
- ☐ 1. 6, 2
 - ☒ 2. 2, 6
 - ☐ 3. 2, 4
 - ☐ 4. 4, 2

Q.53 The sum of the present ages of a father and his son is 19 years more than 2 times the present age of the son. After 15 years, 12 times the father's age will be 17 years less than 13 times the son's age. The difference (in years) between the present ages of the father and the son is:

- Ans
- ☐ 1. 24
 - ☐ 2. 21
 - ☒ 3. 19
 - ☐ 4. 14

Q.54 The difference between the simple interest and the compound interest, compounded annually, on a certain sum of money for 2 years at 19% per annum is ₹590. Find the sum [rounded off to the nearest integer].

- Ans**
- ☒ 1. ₹16,335
 - ☒ 2. ₹16,343
 - ☒ 3. ₹16,336
 - ☒ 4. ₹16,358

Q.55 Rohit marks the price of his article 60% more than its cost price. If he sells the article for ₹18,510 after allowing a discount of 85%, then what will be the cost price (in ₹) of the article?

- Ans**
- ☒ 1. 77,124
 - ☒ 2. 77,127
 - ☒ 3. 77,128
 - ☒ 4. 77,125

Q.56 Walking at $\frac{2}{7}$ of his normal speed, Abhijeet is 70 minutes late in reach

The usual time taken by him to cover the distance between his home :



- Ans**
- ☒ 1. 21 minutes
 - ☒ 2. 33 minutes
 - ☒ 3. 28 minutes
 - ☒ 4. 37 minutes

Q.57 In October 2024, Nayab Singh Saini sworn in for his second term as the Chief Minister of which Indian state?

- Ans**
- ☒ 1. Haryana
 - ☒ 2. Rajasthan
 - ☒ 3. Punjab
 - ☒ 4. Uttar Pradesh

Q.58 If + means $\times$, $\times$ means $\div$, and $\div$ means $+$, then what will come in place of the question mark (?) in the following equation?

$$30 - 5 \div 2 + 10 \times 2 = ?$$

- Ans**
- ☒ 1. 147
 - ☒ 2. 150
 - ☒ 3. 100
 - ☒ 4. 125

Q.59 Where did Mendeleev arrange the elements in the periodic table with similar properties?

- Ans**
- ☒ 1. Block
 - ☒ 2. Atomic series
 - ☒ 3. Vertical column
 - ☒ 4. Horizontal row

Q.60 IV 17 is related to FR 6 in a certain way. In the same way, KJ 12 is related to HF 1. To which of the given options is OE -6 related, following the same logic?

- Ans**
- ☒ 1. TR -29
 - ☒ 2. LA -17
 - ☒ 3. PA -21
 - ☒ 4. KI -13

Q.61 Sunny starts from point A and drives 11 km towards the east. He then takes a left turn, drives 8 km, turns left and drives 12 km. He then takes a left turn and drives 10 km. He takes a final left turn, drives 1 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90 degree turns only unless specified.)

- Ans**
- ☒ 1. 2 km to the north
 - ☐ 2. 2 km to the south
 - ☐ 3. 4 km to the south
 - ☐ 4. 1 km to the south

Q.62 After independence, co-operatives became an integral part of which planning initiative in India?

- Ans**
- ☐ 1. Operation Flood
 - ☒ 2. Five-Year Plans
 - ☐ 3. Industrial Policy Resolution
 - ☐ 4. Green Revolution

Q.63 In a certain code language, 'good morning all' is coded as 'cx fg zq' and 'all students present' is coded as 'zq nr vk'. How is 'all' coded in the given language?

- Ans**
- ☐ 1. fg
 - ☐ 2. nr
 - ☒ 3. zq
 - ☐ 4. vk

Q.64 What should come in place of the question mark (?) in the given series?

501 500 497 492 485 ?

- Ans**
- ☒ 1. 476
 - ☐ 2. 473
 - ☐ 3. 471
 - ☐ 4. 475

Q.65 When 1278, 2368 and 4318 are divided by the greatest number x, the remainder in each case is y. What is the value of $(3x - 14y)$?

- Ans**
- ☐ 1. -79
 - ☒ 2. -82
 - ☐ 3. -86
 - ☐ 4. -85

Q.66 Mohan invests a sum of ₹5,000 and Varun invests a sum of ₹9,000 at the same rate of simple interest per annum. If, at the end of 3 years, Varun gets ₹480 more interest than Mohan, then find the rate of interest per annum (in percentage).

- Ans**
- ☐ 1. 2%
 - ☐ 2. 6%
 - ☐ 3. 3%
 - ☒ 4. 4%

Q.67 Which of the following is a common component in toothpaste, for cleaning the teeth by neutralising the excess acid to prevent tooth decay?

- Ans**
- ☐ 1. Halogens
 - ☒ 2. Bases
 - ☐ 3. Salts
 - ☐ 4. Acids

Q.68 Simplify: $71 + \frac{62}{7} + 30 - 31$

- Ans
- ☒ 1. $\frac{552}{7}$
 - ☐ 2. $\frac{558}{7}$
 - ☐ 3. $\frac{557}{7}$
 - ☐ 4. $\frac{542}{7}$

Q.69 Who among the following won the 2024 Booker Prize for Fiction for their novel *Orbital*, which explores themes of isolation, the human condition, and our relationship with Earth?

- Ans
- ☐ 1. Colson Whitehead
 - ☐ 2. Sally Rooney
 - ☒ 3. Samantha Harvey
 - ☐ 4. Douglas Stuart

Q.70 GN 14 is related to ER 1 in a certain way. In the same way, HP 18 is related to FT 5. To which of the given options is TK 4 related, following the same logic?

- Ans
- ☐ 1. KJ -13
 - ☐ 2. TY -11
 - ☐ 3. PW -7
 - ☒ 4. RO -9

Q.71 Who among the following has been appointed as the 26th Governor of Reserve Bank of India in December 2024?

- Ans
- ☐ 1. Arunish Chawla
 - ☐ 2. Tuhin Kumar Pandey
 - ☒ 3. Sanjay Malhotra
 - ☐ 4. Gyanesh Kumar

Q.72 Which event marked the final collapse of the British policy of annexation?

- Ans
- ☐ 1. Quit India Movement
 - ☐ 2. Partition of Bengal
 - ☐ 3. Government of India Act, 1935
 - ☒ 4. Revolt of 1857

Q.73 A dealer marks his goods 65% above the cost price and allows a discount of 8% on the marked price. What is his gain or loss percentage?

- Ans
- ☒ 1. 51.8% gain
 - ☐ 2. 51.74% loss
 - ☐ 3. 53.34% gain
 - ☐ 4. 52.07% loss

Q.74 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All tubs are shirts.
Some shirts are jams.
No jam is a coat.

Conclusions:

(I) No tub is a coat.
(II) Some jams are tubs.

- Ans** ☒ 1. Both conclusions (I) and (II) follow
☒ 2. Neither conclusion (I) nor (II) follows
☐ 3. Only conclusion (I) follows
☐ 4. Only conclusion (II) follows

Q.75 In the 2025 Delhi Legislative Assembly elections, after how many years did the Bharatiya Janata Party (BJP) win the majority, and how many seats did it secure?

- Ans** ☐ 1. After 35 years, securing 55 seats
☒ 2. After 27 years, securing 48 seats
☐ 3. After 25 years, securing 48 seats
☐ 4. After 30 years, securing 50 seats

Q.76 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers only.

(Left) 9 # 1 * £ 5 2 & % \$ 7 & 3 Ω 4 6 @ 8 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by another symbol?

- Ans** ☐ 1. Three
☐ 2. Four
☒ 3. Two
☐ 4. One

Q.77 Town V is to the west of Town W. Town X is to the east of Town V. Town Y is to the north of Town W. Town Z is to the north of Town X. Town Z is to the north-west of Town W. What is the position of Town X with respect to Town W?

- Ans** ☒ 1. West
☐ 2. South
☐ 3. East
☐ 4. North

Q.78 The ratio of numbers of girls and boys participating in sports of a school is 1 : 5. If the number of girls is 200, determine the number of boys participating in the sports.

- Ans** ☐ 1. 975
☐ 2. 1030
☐ 3. 1020
☒ 4. 1000

Q.79 The shorter side of a rectangle is 16 cm less than the longer side. The numerical value of its area is equal to 3 times the numerical value of its perimeter. What is the length (in cm) of its longer side?

- Ans
- ☐ 1. 25
 - ☐ 2. 19
 - ☐ 3. 14
 - ☒ 4. 24

Q.80 The mode and median of a data set is 14.2 and 60, respectively. What is the mean of the data set? (Use empirical formula.)

- Ans
- ☐ 1. 80.4
 - ☐ 2. 88.6
 - ☒ 3. 82.9
 - ☐ 4. 86.9

Q.81 Hitesh ranked 28th from the top and 13th from the bottom in his class. How many students are there in his class?

- Ans
- ☐ 1. 41
 - ☐ 2. 39
 - ☒ 3. 40
 - ☐ 4. 42

Q.82 The average weight of 10 boys is 70 kg. But later, it was found that at two places the weight 54 kg was read as 44 kg and at one place weight 35 kg was read as 40 kg. Find the correct average weight (in kg) of the 10 boys.

- Ans
- ☐ 1. 70.5
 - ☒ 2. 71.5
 - ☐ 3. 68.5
 - ☐ 4. 67.5

Q.83 What should come in place of the question mark (?) in the given series?

34 46 58 70 ? 94 106

- Ans
- ☒ 1. 82
 - ☐ 2. 80
 - ☐ 3. 86
 - ☐ 4. 88

Q.84 This question is based on the five, three-digit numbers given below.

(Left) 993 281 995 257 599 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is added to the first digit of the lowest number?

- Ans
- ☐ 1. 10
 - ☐ 2. 6
 - ☒ 3. 7
 - ☐ 4. 8

Q.85 The average weight of 14 boys in a class is 40.25 kg and that of the remaining 4 boys is 33.5 kg. Find the average weight (in kg, rounded off to two decimal place) of all the boys in the class.

- Ans**
- ☒ 1. 38.75
 - ☐ 2. 39.75
 - ☐ 3. 40.75
 - ☐ 4. 37.75

Q.86 In Gond painting, what is the purpose of applying 'chhui' clay on the surface?

- Ans**
- ☐ 1. To prevent insects from damaging the wall
 - ☒ 2. To create a smooth white base for painting
 - ☐ 3. To fix cracks on the wall
 - ☐ 4. To reflect sunlight

Q.87 The length of a rectangular park is 27 m more than its breadth. Its area is 2268 m^2 . Its breadth (in m) is:

- Ans**
- ☐ 1. 23
 - ☒ 2. 36
 - ☐ 3. 40
 - ☐ 4. 38

Q.88 This question is based on the five, three-digit numbers given below.

(Left) 210 878 407 692 140 (Right)

(Example: 697 - First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is subtracted from the first digit of the lowest number?

- Ans**
- ☐ 1. -4
 - ☐ 2. -8
 - ☒ 3. -7
 - ☐ 4. -6

Q.89 P, Q, R, S, T, U and V are sitting around a circular table facing the centre. U sits to the immediate right of T. Only three people sit between U and V when counted from the left of U. Only three people sit between T and R. Q sits to the immediate right of P. How many people sit between T and P when counted from the left of P?

- Ans**
- ☐ 1. 3
 - ☒ 2. 4
 - ☐ 3. 1
 - ☐ 4. 2

Q.90 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. FI - EH
 - ☐ 2. NQ - MP
 - ☐ 3. JM - IL
 - ☒ 4. NT - JK

Q.91 According to the SDG India Index 2023-24 released by NITI Aayog, what is the range of composite scores achieved by Indian states?

- Ans**
- ☐ 1. 60 to 85
 - ☐ 2. 52 to 75
 - ☐ 3. 65 to 90
 - ☒ 4. 57 to 79

Q.92 Chetan gets a 2% increase in his sale amount in the first year and a 20% increase in the second year; with that his present sale is ₹1,76,800. What was his sale (in ₹) two years ago? (Correct to two decimal places.)

- Ans**
- ☐ 1. 1,47,333.33
 - ☒ 2. 1,44,444.44
 - ☐ 3. 1,73,333.33
 - ☐ 4. 1,24,444.44

Q.93 Which of the following numbers is divisible by both 37 and 8?

- Ans**
- ☒ 1. 14208
 - ☐ 2. 15659
 - ☐ 3. 15370
 - ☐ 4. 13702

Q.94 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

DKR HOV LSZ PWD ?

- Ans**
- ☐ 1. HTA
 - ☒ 2. TAH
 - ☐ 3. THA
 - ☐ 4. HAT

Q.95 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.

BEAN - EBAN - BANE
MAKE - AMKE - MKEA

- Ans**
- ☒ 1. MACK - AMCK - MCKA
 - ☐ 2. RACE - RCAE - ECAR
 - ☐ 3. WORK - OWRK - KORW
 - ☐ 4. NEAR - ENAR - EARN

- Q.96** A group of numbers/symbols is coded using letter codes as per the codes given below and the conditions that follow. If none of the conditions apply, then codes for the respective number/symbol to be followed directly as given in the table.

Number/ Symbol	3	8	@	&	2	7	5	%	1	9	Δ	4	6
Code	L	E	Z	M	D	W	A	P	R	T	F	B	K

Conditions:

- (i) If the first element and the last element is a number, the codes for these two (the first and the last elements) are to be interchanged.
(ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?

7 2 Δ 8 9 @ 3

- Ans** ☒ 1. L D F E Z T W
☒ 2. W D F E T Z L
☒ 3. L D F E T Z W
☒ 4. W D F L T Z W

- Q.97** What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$45 \div 13 - 286 \times 2 + 68 = ?$$

- Ans** ☒ 1. 670
☒ 2. 660
☒ 3. 690
☒ 4. 680

- Q.98** Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 - Operations on 13 such as adding / subtracting / multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

10 - 20 - 40 - 80 ; 3 - 6 - 12 - 24

- Ans** ☒ 1. 4 - 8 - 12 - 24
☒ 2. 5 - 10 - 20 - 30
☒ 3. 8 - 10 - 20 - 40
☒ 4. 6 - 12 - 24 - 48

- Q.99** One pipe can fill the tank in 7 minutes while another pipe can empty the completely filled tank in 56 minutes. If both the pipes are operated together on empty tank, how long (in minutes) will it take to fill three-fourth of the tank?

- Ans** ☒ 1. 7
☒ 2. 13
☒ 3. 12
☒ 4. 6

Q.100 Which of the following elements is NOT inherently part of a basic 'Blank Presentation' upon its initial creation in MS PowerPoint?

- Ans**
- ☐ 1. Placeholders for content
 - ☒ 2. Pre-defined theme colours
 - ☐ 3. At least one slide
 - ☐ 4. A default slide layout



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	ION DIGITAL Zone iDZ Vishnupuri
Test Date	09/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 A can do a piece of work in 57 hours, B and C together can do it in 28 hours, while A and C together can do it in 19 hours. How long (in hours) will B alone take to do it?

- Ans**
- ☒ 1. 1598
 - ☒ 2. 1596
 - ☐ 3. 1597
 - ☐ 4. 1595

Q.2 Simplify: $\frac{36}{9} \times (74 + 12) + 99$

- Ans**
- ☐ 1. 449
 - ☒ 2. 443
 - ☐ 3. 444
 - ☐ 4. 446

Q.3 What is Tetrachloromethane primarily used for in manufacturing?

- Ans**
- ☒ 1. Production of refrigerants and aerosol propellants
 - ☐ 2. Textile dyeing and coloring of woollen clothes
 - ☐ 3. Glass manufacturing and ceramic treatment
 - ☐ 4. Fertiliser production and pesticide refining

Q.4 VO Chidambaram Pillai was actively involved in the revolutionary movement in which of the following areas?

- Ans**
- ☒ 1. Madras
 - ☐ 2. Delhi
 - ☐ 3. Calcutta
 - ☐ 4. Bombay

Q.5 M, N, O, P, Y and Z live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only two people live between N and Z. Only M lives above P. Y lives on an even numbered floor. N lives on the lowermost floor. How many people live between O and M?

- Ans**
- ☒ 1. Two
 - ☐ 2. One
 - ☐ 3. Three
 - ☐ 4. Four

Q.6 Sharda Sinha, honoured with the Padma Vibhushan in 2025, was originally known for singing in which Indian languages?

- Ans**
- ☐ 1. Punjabi and Kashmiri
 - ☐ 2. Marathi and Konkani
 - ☐ 3. Assamese and Bodo
 - ☒ 4. Bhojpuri and Maithili

Q.7 2 men or 9 women can do a job in 14 days. 2 men work for 9 days and leave. The number of women required to complete the remaining work in 9 days is:

- Ans**
- ☐ 1. 4
 - ☒ 2. 5
 - ☐ 3. 2
 - ☐ 4. 3

Q.8 A person saves 40% of his income. If his expenditure is ₹480, then his income (in ₹) is:

- Ans**
- ☐ 1. 192
 - ☒ 2. 800
 - ☐ 3. 288
 - ☐ 4. 840

Q.9 According to the Regulating Act of 1773 of the East India Company, to whom did the governors of Madras and Bombay report regularly?

- Ans**
- ☐ 1. The British Parliament
 - ☒ 2. The Governor General
 - ☐ 3. The British Crown
 - ☐ 4. Court of Directors

Q.10 Walking at $\frac{2}{5}$ of his normal speed, Abhijeet is 48 minutes late in reaching his home. The usual time taken by him to cover the distance between his home and the office is:

- Ans**
-
- ☐ 1. 40 minutes
 - ☐ 2. 33 minutes
 - ☐ 3. 37 minutes
 - ☒ 4. 32 minutes

Q.11 The capacity of a cuboid tank of water is 70,000 litres. Find the breadth of the tank, if its length and depth are 4 m and 10 m, respectively.

- Ans**
- ☐ 1. 1.85 m
 - ☐ 2. 1.65 m
 - ☐ 3. 1.95 m
 - ☒ 4. 1.75 m

Q.12 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

50, 4
80, 7

- Ans**
- ☒ 1. 100, 11
 - ☒ 2. 70, 6
 - ☒ 3. 90, 11
 - ☒ 4. 60, 6

Q.13 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

AHE CJG ELI GNK ?

- Ans**
- ☒ 1. IPN
 - ☒ 2. IPM
 - ☒ 3. IOM
 - ☒ 4. ION

Q.14 Which of the following is an indirect tax levied in India?

- Ans**
- ☒ 1. Equalisation Levy
 - ☒ 2. Capital Gain Tax
 - ☒ 3. Corporate Tax
 - ☒ 4. Goods and Services Tax

Q.15 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☒ 1. BEH
 - ☒ 2. FHL
 - ☒ 3. ACG
 - ☒ 4. SUY

Q.16 y varies directly as $(x + 3)$, and $y = 8$ when $x = 1$.
What is the value of y when $x = 2$?

- Ans**
- ☒ 1. 2
 - ☒ 2. 10
 - ☒ 3. 8
 - ☒ 4. 5

Q.17 Who was the son and successor of Chandragupta II?

- Ans**
- ☒ 1. Skandagupta
 - ☒ 2. Samudragupta
 - ☒ 3. Ramgupta
 - ☒ 4. Kumaragupta I

Q.18 Ashish's salary is ₹11,000 per month. He spends ₹4,000 on house rent and ₹1,500 on bills, and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent all his monthly savings on birthday celebrations.

- Ans**
- ☐ 1. 55,000
 - ☐ 2. 66,000
 - ☐ 3. 49,500
 - ☒ 4. 60,500

Q.19 What is the projected population of India by 2036, according to the National Commission on Population?

- Ans**
- ☐ 1. 1.32 billion
 - ☐ 2. 1.38 billion
 - ☒ 3. 1.52 billion
 - ☐ 4. 1.45 billion

Q.20 What should come in place of the question mark (?) in the given series?

601 600 597 592 585 ?

- Ans**
- ☒ 1. 576
 - ☐ 2. 577
 - ☐ 3. 573
 - ☐ 4. 571

Q.21 If '-' means '+', '+' means 'x', 'x' means '+' and '+' means '-', then what will come in place of the question mark (?) in the following equation?

$$3 \div 45 \times 855 - 19 + 16 = ?$$

- Ans**
- ☐ 1. 460
 - ☒ 2. 164
 - ☐ 3. 180
 - ☐ 4. 136

Q.22 If $x + y = 10$, product of x and y is 16, then the value of $x^4 + y^4$ is:

- Ans**
- ☐ 1. 4092
 - ☐ 2. 4175
 - ☐ 3. 4073
 - ☒ 4. 4112

Q.23 Where is plantation agriculture mainly practised in India?

- Ans**
- ☐ 1. Rajasthan and Gujarat
 - ☐ 2. Punjab and Haryana
 - ☒ 3. Kerala and Assam
 - ☐ 4. Odisha and Chhattisgarh

Q.24 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 8 £ 6 @ & % 4 6 @ 8 \$ 7 & 3 Ω 9 # 1 * 4 5 (Right)

How many such symbols are there each of which is immediately preceded by an even number and also immediately followed by an odd number?

- Ans
- ☐ 1. Two
 - ☐ 2. Three
 - ☐ 3. Four
 - ☒ 4. One

Q.25 A shopkeeper marked his goods at X% above their cost price and sold them at a discount of 16%. If he gained 68% profit, then find the value of X.

- Ans
- ☐ 1. 101
 - ☐ 2. 102
 - ☐ 3. 99
 - ☒ 4. 100

Q.26 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: UWC :: OHW : %

- Ans
- ☐ 1. # = MCU, % = KXS
 - ☐ 2. # = QMY, % = MCU
 - ☒ 3. # = SRA, % = QMY
 - ☐ 4. # = KXS, % = SRA

Q.27 As per the Indian Space Association (ISpA) in 2025, ____ satellites out of the approved 52-satellite constellation for the defence sector are expected to be built by the private sector.

- Ans
- ☐ 1. 21
 - ☒ 2. 31
 - ☐ 3. 52
 - ☐ 4. 41

Q.28 If the ratio of two numbers is 3 : 16 and the product of their LCM and their HCF is 432, then the sum of the reciprocals of the LCM and the HCF is:

- Ans
- ☐ 1. $\frac{49}{145}$
 - ☐ 2. $\frac{49}{151}$
 - ☒ 3. $\frac{144}{49}$
 - ☐ 4. $\frac{49}{159}$

Q.29 Which Indian state became the first to establish a Senior Citizens Commission in March 2025?

- Ans
- ☒ 1. Kerala
 - ☐ 2. Gujarat
 - ☐ 3. Maharashtra
 - ☐ 4. Tamil Nadu

Q.30 Which of the following sports events were included in the school-level competitions organised by the Uttar Pradesh government in December 2024?

- Ans**
- ☐ 1. Cricket and badminton
 - ☐ 2. Tennis and swimming
 - ☒ 3. Kabaddi and kho-kho
 - ☐ 4. Basketball and athletics

Q.31 Which Constitutional Article specifically provides for free legal aid to the poor?

- Ans**
- ☐ 1. Article 21
 - ☐ 2. Article 44
 - ☐ 3. Article 32
 - ☒ 4. Article 39A

Q.32 Select the correct statement regarding the properties of diagonals of a rhombus.

- Ans**
- ☐ 1. The diagonals of a rhombus are equal, do not intersect at right angles and bisect each other.
 - ☒ 2. The diagonals of a rhombus are not equal, intersect at right angles and bisect each other.
 - ☐ 3. The diagonals of a rhombus are equal, intersect at right angles and bisect each other.
 - ☐ 4. The diagonals of a rhombus are equal, intersect at right angles and do not bisect each other.

Q.33 Who was the chairman of the National Commission on Farmers (NCF) when it was constituted on 18 November 2004 in India?

- Ans**
- ☐ 1. Verghese Kurien
 - ☒ 2. MS Swaminathan
 - ☐ 3. Chakravarti Rangarajan
 - ☐ 4. Krishnaswamy Kasturirangan

Q.34 This question is based on the five, three-digit numbers given below.

(Left) 773 263 387 270 378 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the lowest number is subtracted from the first digit of the highest number?

- Ans**
- ☐ 1. 4
 - ☐ 2. 6
 - ☒ 3. 5
 - ☐ 4. 8

Q.35 This question is based on the five, three-digit numbers given below.

(Left) 898 740 280 169 993 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is added to the third digit of the lowest number?

- Ans**
- ☐ 1. 19
 - ☐ 2. 17
 - ☐ 3. 21
 - ☒ 4. 18

Q.36 The original price of a music set is ₹8,000. The price is decreased by 12% and then raised by 20%. What is its new price (in ₹)?

- Ans**
- ☒ 1. 8,448
 - ☐ 2. 8,948
 - ☐ 3. 7,948
 - ☐ 4. 7,748

Q.37 Which country hosted the 58th Annual Meeting of the Asian Development Bank (ADB) in 2025, where India discussed the Strategic Action Plan 2025-2029?

- Ans**
- ☐ 1. India
 - ☐ 2. China
 - ☐ 3. Japan
 - ☒ 4. Italy

Q.38 Which of the following shortcut keys can be used to quickly open a presentation in PowerPoint?

- Ans**
- ☐ 1. Alt + O
 - ☒ 2. Ctrl + O
 - ☐ 3. Tab + O
 - ☐ 4. Shift + O

Q.39 There are two sections A and B of a class, consisting of 22 and 44 students, respectively. If the average weight of section A is 40 kg and that of section B is 34 kg, find the average weight of the whole class (in kg).

- Ans**
- ☒ 1. 36
 - ☐ 2. 35.5
 - ☐ 3. 36.5
 - ☐ 4. 37

Q.40 Walking at $\frac{2}{5}$ of his normal speed, Abhijeet is 18 minutes late in reaching his home.

The usual time taken by him to cover the distance between his home and office is :



- Ans**
- ☐ 1. 2 minutes
 - ☐ 2. 11 minutes
 - ☐ 3. 9 minutes
 - ☒ 4. 12 minutes

Q.41 Which of the following numbers is divisible by 38?

- Ans**
- ☐ 1. 1495
 - ☒ 2. 1938
 - ☐ 3. 2620
 - ☐ 4. 2423

Q.42 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6.

E lives on a floor which is a prime number. The product of floors on which E and A live is 8. C lives immediately above F. The sum of floors on which A and B live is 7. How many people live between C and E?

- Ans**
- ☐ 1. One
 - ☒ 2. Three
 - ☐ 3. Four
 - ☐ 4. Two

Q.43 What provision was extended under the 104th Constitutional Amendment Act, 2020?

- Ans**
- ☒ 1. Reservation for SC/ST in legislatures
 - ☐ 2. Voting age for elections
 - ☐ 3. GST Council term
 - ☐ 4. Term of the Lok Sabha

Q.44 On International Women's Day 2025, which Indian bank launched 'Asmita', a collateral-free digital SME loan tailored for women entrepreneurs?

- Ans**
- ☐ 1. HDFC Bank
 - ☐ 2. Bank of Baroda
 - ☐ 3. Axis Bank
 - ☒ 4. State Bank of India

Q.45 Which Himalayan range is the northern-most and contains the loftiest peaks?

- Ans**
- ☒ 1. Himadri
 - ☐ 2. Himachal Himalaya
 - ☐ 3. Shiwalik
 - ☐ 4. Purvachal

Q.46 20 dual desks and 12 chairs were bought for ₹79,600. If the average cost of a dual desk was ₹3,500, find the average cost of a chair.

- Ans**
- ☒ 1. ₹800
 - ☐ 2. ₹920
 - ☐ 3. ₹950
 - ☐ 4. ₹850

Q.47 In a certain code language, 'NOSE' is coded as '3517' and 'OILY' is coded as '2458'. What is the code for 'O' in the given code language?

- Ans**
- ☐ 1. 1
 - ☐ 2. 2
 - ☐ 3. 7
 - ☒ 4. 5

Q.48 From 10-14 February 2025, in which city did India host the annual Conference of the International Institute of Administrative Sciences (IIAS) for the first time?

- Ans**
- ☒ 1. New Delhi
 - ☐ 2. Gandhinagar
 - ☐ 3. Ahmedabad
 - ☐ 4. Hyderabad

Q.49 The median of the observations 87, 56, 79, 81, 11, 53, 94, 45, 32, 99 and 98 is:

- Ans**
- ☐ 1. 81
 - ☐ 2. 56
 - ☒ 3. 79
 - ☐ 4. 53

Q.50 Which Article of the Constitution of India deals with the application of the Directive Principles of the State Policy?

- Ans**
- ☐ 1. Article 38
 - ☐ 2. Article 39
 - ☐ 3. Article 36
 - ☒ 4. Article 37

Q.51 The retail price of a water geyser is ₹11,300. If the manufacturer gains 5%, the wholesale dealer gains 10% and the retailer gains 15%, then find the cost price of the water geyser (rounded off to two decimal places.)

(Note: Manufacturer sells to wholesaler, wholesaler sells to retailer and retailer sells to customer.)

- Ans**
- ☐ 1. ₹10,110.11
 - ☐ 2. ₹6,050.25
 - ☐ 3. ₹9,500.75
 - ☒ 4. ₹8,507.43

Q.52 Raj has ₹1,218 with him. He divided it amongst his sons Varun and Ashish and asked them to invest it at 10% rate of interest per annum, compounded annually. It was seen that Varun and Ashish got the same amount after 13 and 14 years, respectively. How much (in ₹) did Raj give to Ashish?

- Ans**
- ☐ 1. ₹430
 - ☐ 2. ₹738
 - ☐ 3. ₹638
 - ☒ 4. ₹580

Q.53 In MS Word 365, what is the shortcut to remove manual character formatting from selected text?

- Ans**
- ☒ 1. Ctrl + Spacebar
 - ☐ 2. Ctrl + B
 - ☐ 3. Ctrl + Z
 - ☐ 4. Ctrl + Shift + N

Q.54 A, B, C, D, G, H, and I are sitting around a circular table facing the centre. Only one person sits between H and I when counted from the right of H. Only one person sits between I and C. Only one person sits between H and G. Only two people sit between A and C. Only one person sits between B and G. Who sits third to the right of D ?

- Ans**
- ☐ 1. A
 - ☐ 2. C
 - ☒ 3. I
 - ☐ 4. G

Q.55 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

HO-JQ-LN
JQ-LS-NP

- Ans**
- ☐ 1. KS-NV-PQ
 - ☐ 2. KS-NU-PQ
 - ☒ 3. LS-NU-PR
 - ☐ 4. LS-NU-PQ

Q.56 Prabin starts from Point A and drives 12 km towards the west. He then takes a right turn, drives 8 km, turns right and drives 14 km. He then takes a right turn and drives 12 km. He takes a final right turn, drives 2 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified.)

- Ans**
- ☐ 1. 5 km to the north
 - ☐ 2. 4 km to the south
 - ☐ 3. 3 km to the north
 - ☒ 4. 4 km to the north

Q.57 In March 2025, India hosted the inaugural edition of which naval exercise aimed at enhancing maritime cooperation with African nations?

- Ans**
- ✓ 1. Africa-India Key Maritime Engagement
 - ✗ 2. Exercise MILAN
 - ✗ 3. Indian Ocean Naval Symposium (IONS)
 - ✗ 4. Exercise VARUNA

Q.58 Which of the following films won the 2025 Golden Globe Award for Best Motion Picture – Non-English Language?

- Ans**
- ✗ 1. I'm Still Here
 - ✗ 2. The Girl With The Needle
 - ✓ 3. Emilia Pérez
 - ✗ 4. All We Imagine as Light

Q.59 Which of the following components is NOT part of the CPU?

- Ans**
- ✗ 1. Control Unit (CU)
 - ✗ 2. Cache memory
 - ✗ 3. Arithmetic Logic Unit (ALU)
 - ✓ 4. Hard Disk Drive (HDD)

Q.60 In December 2024, which day honoured Dr BR Ambedkar's contribution to social justice?

- Ans**
- ✗ 1. Ambedkar Smriti Diwas
 - ✗ 2. Constitution Awareness Day
 - ✗ 3. National Equality Day
 - ✓ 4. Mahaparinirvan Diwas

Q.61 What is the mean of the following distribution?

Marks	13	27	59	61	97
No. of Students	95	57	80	98	73

- Ans**
- ✓ 1. 51
 - ✗ 2. 74
 - ✗ 3. 45
 - ✗ 4. 31

Q.62 Two concentric circles have radii of 10 cm and 26 cm. Find the length of the chord of the larger circle that is tangent to the smaller circle.

- Ans**
- ✗ 1. 20 cm
 - ✓ 2. 48 cm
 - ✗ 3. 50 cm
 - ✗ 4. 52 cm

Q.63 What was the unemployment rate for persons aged 15 years and above in rural India during the period 2022-23, according to the Periodic Labour Force Survey (PLFS) annual report 2022-23?

- Ans**
- ✗ 1. 3.5%
 - ✓ 2. 2.4%
 - ✗ 3. 5.1%
 - ✗ 4. 4.0%

Q.64 If $a^2 + b^2 = 144$, $a \times b = 24$ and $a > b$, then find the value of $\frac{a}{b}$

Ans

✓ 1. $\sqrt{\frac{1}{2}}$

✗ 2. $\frac{1}{2}$

✗ 3. $\sqrt{\frac{1}{3}}$

✗ 4. $\frac{1}{3}$

Q.65 LQRU is related to ONTS in a certain way based on the English alphabetical order. In the same way, RKVQ is related to UHXO. To which of the given options is XEZM related, following the same logic?

Ans

✗ 1. ZBZL

✗ 2. BCAF

✓ 3. ABBK

✗ 4. BABJ

Q.66 The Meissner effect is a defining characteristic of which state of matter?

Ans

✗ 1. Paramagnetic state

✓ 2. Superconducting state

✗ 3. Ferromagnetic state

✗ 4. Insulating state

Q.67 What was the budget allocated in the Smart City Mission for the financial year 2023-24?

Ans

✗ 1. ₹10,000 crore

✗ 2. ₹12,000 crore

✓ 3. ₹8,000 crore

✗ 4. ₹6,000 crore

Q.68 In a certain code language, 'read this book' is coded as 'op st qr' and 'book on table' is coded as 'qr lm pq'. How is 'book' coded in the given language?

Ans

✗ 1. lm

✗ 2. pq

✗ 3. op

✓ 4. qr

Q.69 Which country's federal election was held on 3 May 2025 to elect members of its 48th Parliament?

Ans

✗ 1. United Kingdom

✗ 2. New Zealand

✗ 3. Canada

✓ 4. Australia

Q.70 Through which of the following plateaus does the River Damodar flow?

- Ans**
- ☐ 1. Malwa Plateau
 - ☐ 2. Deccan Plateau
 - ☐ 3. Meghalaya Plateau
 - ☒ 4. Chhotanagpur Plateau

Q.71 Vijay ranked 34th from the top and 11th from the bottom in his class. How many students are there in his class?

- Ans**
- ☐ 1. 45
 - ☐ 2. 43
 - ☒ 3. 44
 - ☐ 4. 42

Q.72 If 2 is added to each even digit and 2 is added to each odd digit in the number 7362145, what will be the sum of all the odd digits in the new number thus formed?

- Ans**
- ☒ 1. 24
 - ☐ 2. 26
 - ☐ 3. 20
 - ☐ 4. 28

Q.73 If $a : b = 3 : 4$ and $b : c = 4 : 7$, then $\frac{a + b + c}{c}$ is equal to:

- Ans**
- ☒ 1. 2
 - ☐ 2. 14
 - ☐ 3. $\frac{7}{2}$
 - ☐ 4. $\frac{14}{3}$

Q.74 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

FMT AHO VCJ QXE ?

- Ans**
- ☐ 1. ZLS
 - ☐ 2. LZS
 - ☐ 3. ZSL
 - ☒ 4. LSZ

Q.75 What special status did the Sixty-ninth Amendment Act, 1991 give to Delhi?

- Ans**
- ☐ 1. Granted full Statehood to Delhi
 - ☒ 2. Designated Delhi as the National Capital Territory with a legislative assembly
 - ☐ 3. Brought Delhi under the control of the President through the Governor
 - ☐ 4. Made Delhi a Union Territory without a legislature

Q.76 In the context of file deletion, what is the typical immediate effect of moving a file to the 'Trash' or 'Recycle Bin' in a GUI-based Operating System?

- Ans**
- ☐ 1. The file's metadata (inode or equivalent) is immediately purged from the file system.
 - ☒ 2. The file is moved to a special directory, and its directory entry is updated, but the data remains on the storage device.
 - ☐ 3. The file is compressed and archived before being permanently deleted.
 - ☐ 4. The file's data is immediately overwritten and unrecoverable.

Q.77 The peasant struggle of the Warli tribe in the year 1945 occurred in which of the following states of India?

- Ans**
- ☐ 1. Kerala
 - ☒ 2. Maharashtra
 - ☐ 3. Mizoram
 - ☐ 4. Gujarat

Q.78 In a certain code language,

A + B means 'A is the mother of B'
A - B means 'A is the brother of B'
A × B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

How is M related to Q if 'M + N ÷ O - P × Q'?

- Ans**
- ☐ 1. Wife's mother's mother
 - ☐ 2. Wife's father's sister
 - ☐ 3. Wife's mother's sister
 - ☒ 4. Wife's father's mother

Q.79 The diameter of a metallic solid sphere is 42 cm. It is melted and drawn into a wire with a cross-sectional diameter of 0.6 cm. Find the length (in metre) of the wire.

- Ans**
- ☐ 1. 1362
 - ☐ 2. 1367
 - ☐ 3. 1364
 - ☒ 4. 1372

Q.80 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

- Ans**
- ☒ 1. MQ - UZ
 - ☐ 2. JM - SV
 - ☐ 3. GJ - PS
 - ☐ 4. EH - NQ

Q.81 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 8457312, what will be sum of the highest and lowest digits in the number thus formed?

- Ans**
- ☐ 1. 6
 - ☐ 2. 9
 - ☒ 3. 8
 - ☐ 4. 7

Q.82 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some guns are bombs.
 Some guns are cargos.
 Some bombs are riffles.

Conclusions:

(I): Some guns are riffles.
 (II): Some bombs are cargos.

- Ans**
- ☒ 1. Only conclusion (II) follows.
 - ☒ 2. Only conclusion (I) follows.
 - ☒ 3. Both conclusions (I) and (II) follow.
 - ☒ 4. Neither conclusion (I) nor (II) follows.

Q.83 The book "Gita Rahasya", a philosophical interpretation of the Bhagavad Gita, was written by which of the following leaders?

- Ans**
- ☒ 1. Bal Gangadhar Tilak
 - ☒ 2. Aurobindo Ghosh
 - ☒ 3. Mahatma Gandhi
 - ☒ 4. Gopal Krishna Gokhale

Q.84 Determine the nature of the roots of the quadratic equation $3x^2 + 2x + 5 = 0$.

- Ans**
- ☒ 1. More than 2 real roots
 - ☒ 2. Complex Roots (Imaginary Roots)
 - ☒ 3. Real and Equal Roots
 - ☒ 4. Real and Distinct Roots

Q.85 A group of numbers/symbols is coded using letter codes as per the codes given below and the conditions that follow. If none of the conditions apply, then codes for the respective number/symbol to be followed directly as given in the table.

Number/ Symbol	9	2	@	&	3	4	5	%	1	8	Δ	7	6
Code	L	C	Z	M	D	W	A	P	R	T	F	B	K

Conditions:

- (i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
- (ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
- (iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?

7 & 2 @ 9 % 2

- Ans**
- ☒ 1. M M C Z L P ©
 - ☒ 2. © M C Z L P ©
 - ☒ 3. © M C Z P L ©
 - ☒ 4. © M Z C L P ©

Q.86 How long (in years) will it take for ₹1,680 to become ₹2,100 at a rate of 4% per annum simple interest?

- Ans** ☒ 1. 6.25
☒ 2. 5.25
☒ 3. 7.25
☒ 4. 8.25

Q.87 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$51 \div 12 + 162 \times 3 - 104 = ?$$

- Ans** ☒ 1. 672
☒ 2. 642
☒ 3. 662
☒ 4. 652

Q.88 Find the value of m for which it satisfies $\left(\frac{21}{8}\right)^{12} \times \left(\frac{8}{21}\right)^{14} \times \left(\frac{21}{8}\right)^{14}$:

- Ans** ☒ 1. $-\frac{32}{9}$
☒ 2. $-\frac{25}{9}$
☒ 3. $-\frac{22}{9}$
☒ 4. $-\frac{37}{9}$

Q.89 The cost of 5 shirts and 7 trousers together is ₹6,150 and the cost of 3 shirts is equal to the cost of 4 trousers. What is the cost (in ₹) of 2 shirts and 2 trousers together?

- Ans** ☒ 1. 2,100
☒ 2. 2,400
☒ 3. 2,250
☒ 4. 2,150

Q.90 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: OLR :: PMS : %

- Ans** ☒ 1. # = KLM, % = NHY
☒ 2. # = LKP, % = FGH
☒ 3. # = MKI, % = NHU
☒ 4. # = JGM, % = URX

Q.91 Select the number from among the given options that can replace the question mark (?) in the following series.
 13 26 29 58 61 122 125 ?

- Ans** ☒ 1. 225
☒ 2. 250
☒ 3. 128
☒ 4. 131

Q.92 In which of the following cities Gharanas of Thumri are based?

- Ans**
- ☒ 1. Banaras and Lucknow
 - ☐ 2. Agra and Kirana
 - ☐ 3. Patiala and Talwandi
 - ☐ 4. Gwalior and Bhopal

Q.93 The sculpture of bearded man, found in Mohejo-daro, is made of which material?

- Ans**
- ☐ 1. Copper
 - ☒ 2. Stone
 - ☐ 3. Bronze
 - ☐ 4. Terracota

Q.94 DNA polymerase catalyses the addition of nucleotides during DNA replication. Its main role is to:

- Ans**
- ☐ 1. Remove RNA primers from the lagging strand
 - ☒ 2. Synthesise new DNA strands complementary to the template
 - ☐ 3. Unwind the DNA double helix
 - ☐ 4. Ligate Okazaki fragments together

Q.95 The Scythians, or Shakas, originally came from ____.

- Ans**
- ☐ 1. Eastern Europe
 - ☐ 2. Southeast Asia
 - ☐ 3. South India
 - ☒ 4. Central Asia

Q.96 Seven people, I, J, K, L, O, P and Q are sitting in a row, facing north. No one sits to the right of I. Only three people sit between I and J. Only two people sit between J and Q. L sits third to the left of P. K sits to the immediate right of P. How many people sit between O and Q?

- Ans**
- ☐ 1. Four
 - ☐ 2. One
 - ☐ 3. Two
 - ☒ 4. Three

Q.97 Town E is to the east of Town F. Town F is to the south of Town G. Town G is to the east of Town H. Town H is to the west of Town I. Town E is to the south-west of Town I. What is the position of Town G with respect to Town I?

- Ans**
- ☐ 1. North
 - ☐ 2. South
 - ☒ 3. West
 - ☐ 4. East

Q.98 A ladder 10.6 m long is leaning against a wall. It makes an angle of 30° with the ground. How high does the ladder reach on the wall?

- Ans**
- ☐ 1. 5.6 m
 - ☒ 2. 5.3 m
 - ☐ 3. $5.3\sqrt{2}$ m
 - ☐ 4. $5.3\sqrt{3}$ m

Q.99 Who is most commonly associated with the 'safety valve' theory regarding the formation of the Indian National Congress?

- Ans**
- ☐ 1. Lord Dufferin
 - ☐ 2. Dadabhai Naoroji
 - ☐ 3. WC Bannerji
 - ☒ 4. AO Hume

Q.100 Which feature in Windows allows you to create shortcuts to frequently used folders for easier access?

- Ans**
- ☒ 1. Quick Access
 - ☐ 2. Task Bar
 - ☐ 3. Libraries
 - ☐ 4. File Explorer



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	Aadarsh Pariksha Kendra - Shastri Nagar Patna
Test Date	10/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 What will be the difference in population 3 years ago and 2 years ago of a town whose current population of 1,60,000 is increasing at a rate of 25% every year?

- Ans** ☒ 1. 20,480
☒ 2. 19,930
☒ 3. 20,830
☒ 4. 19,730

Q.2 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

- Ans** ☒ 1. GJ - FK
☒ 2. KN - IL
☒ 3. EH - CF
☒ 4. PS - NQ

Q.3 UB 15 is related to SF 11 in a certain way. In the same way, IO 8 is related to GS 4. To which of the given options is EL 3 related, following the same logic?

- Ans** ☒ 1. ED -5
☒ 2. RD -7
☒ 3. CP -1
☒ 4. BD -9

Q.4 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 2614759, what will be the sum of the digits which are sixth from the left and first from the right in the new number thus formed?

- Ans** ☒ 1. 14
☒ 2. 10
☒ 3. 6
☒ 4. 12

Q.5 In May 2025, which state / union territory Cabinet approved ₹3.21 crore to conduct five cloud-seeding trials for combating the air pollution?

- Ans** ☒ 1. Delhi
☒ 2. Haryana
☒ 3. Bihar
☒ 4. Chandigarh

Q.6 The average of first 12 natural numbers is:

- Ans**
- ☐ 1. 7.5
 - ☐ 2. 7
 - ☒ 3. 6.5
 - ☐ 4. 6

Q.7 In March 2025, NITI Aayog released the 'Trade Watch – Quarterly (July-September [Q2] FY25)' report. According to this report, which of the following commodities entered India's top ten imports due to rising infrastructure demand?

- Ans**
- ☐ 1. Aluminium
 - ☒ 2. Copper
 - ☐ 3. Zinc
 - ☐ 4. Nickel

Q.8 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: KSM :: OWQ : %

- Ans**
- ☐ 1. # = LTM, % = NVP
 - ☐ 2. # = LTN, % = NUP
 - ☒ 3. # = LTN, % = NVP
 - ☐ 4. # = LTN, % = NVO

Q.9 Consider the following statements regarding the Five-Year Plans of India. Which of these statements is/are correct?

1. The First Five-Year Plan was based on the Harrod-Domar model and it prioritised agricultural development to address food security.
2. The Second Five-Year Plan, known as the Mahalanobis Plan, focussed on rapid industrialisation.

- Ans**
- ☐ 1. Neither Statement 1 nor Statement 2
 - ☐ 2. Statement 2 only
 - ☐ 3. Statement 1 only
 - ☒ 4. Both Statement 1 and Statement 2

Q.10 When 1063, 2815 and 3451 are divided by the greatest number x, the remainder in each case is y. What is the value of $(3x - 14y)$?

- Ans**
- ☐ 1. -65
 - ☐ 2. -60
 - ☒ 3. -62
 - ☐ 4. -66

Q.11 What happens if a municipality in India is dissolved before completing its full term?

- Ans**
- ☐ 1. The municipality ceases to exist.
 - ☐ 2. The central government takes over governance.
 - ☐ 3. The previous municipal council is reinstated.
 - ☒ 4. A new election must be held within 6 months.

Q.12 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) € 3 © 3 \$ % % 5 5 £ € 4 * € 3 7 5 & 8 2 5 * (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?

- Ans
- ☐ 1. 3
 - ☐ 2. 4
 - ☐ 3. 1
 - ☒ 4. 2

Q.13 The downstream speed is 41 km/hr and the upstream speed is 20.5 km/hr. It takes a boat a total of 13 hours to go to a place and come back. What is the total distance travelled by the boat?

- Ans
- ☐ 1. $\frac{1086}{3}$ km
 - ☐ 2. $\frac{533}{3}$ km
 - ☒ 3. $\frac{1066}{3}$ km
 - ☐ 4. $\frac{529}{4}$ km

Q.14 Who succeeded Dhruvasena?

- Ans
- ☐ 1. Dronasimha
 - ☒ 2. Dharapatta
 - ☐ 3. Shiladitya
 - ☐ 4. Guhasena

Q.15 Simplify the following:

$$47 + \frac{49}{7} + 65 - 27$$

- Ans
- ☐ 1. 108
 - ☐ 2. 116
 - ☒ 3. 92
 - ☐ 4. 65

Q.16 P, Q, R, S, T, U and V are sitting around a circular table facing the centre. R sits third to the left of Q. P sits second to the left of T. Both U and P are immediate neighbours of Q. V is not an immediate neighbour of R. How many people live between T and U when counted from the left of T?

- Ans
- ☐ 1. 2
 - ☐ 2. 1
 - ☐ 3. 4
 - ☒ 4. 3

Q.17 Judicial review is essential to:

- Ans
- ☐ 1. replace parliamentary sovereignty
 - ☐ 2. reduce the workload of courts
 - ☒ 3. uphold the supremacy of the Constitution
 - ☐ 4. increase executive powers

Q.18 A can do a certain work at the same time in which B and C together can do it. If A and B together can do it in 7 days and C alone in 9 days, then B alone can do it in _____ days.

- Ans**
- ☒ 1. 252
 - ☒ 2. 63
 - ☒ 3. 126
 - ☒ 4. 189

Q.19 If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then the resultant of which of the following would be 75?

- Ans**
- ☒ 1. 84 D 12 A 76 B 36 C 4
 - ☒ 2. 84 C 12 D 76 A 36 B 4
 - ☒ 3. 84 A 12 D 76 C 36 B 4
 - ☒ 4. 84 B 12 C 76 D 36 A 4

Q.20 Which transport system is most efficient in terms of energy consumption per tonne-km in India?

- Ans**
- ☒ 1. Railways
 - ☒ 2. Airways
 - ☒ 3. Roadways
 - ☒ 4. Inland waterways

Q.21 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: LQT :: ZEH : %

- Ans**
- ☒ 1. # = LKO, % = WYE
 - ☒ 2. # = OHD, % = LDK
 - ☒ 3. # = ODW, % = OIE
 - ☒ 4. # = OTW, % = WBE

Q.22 What was the estimated capital expenditure of the Ministry of Road Transport and Highways in India for the financial year 2024-25?

- Ans**
- ☒ 1. ₹2.72 lakh crore
 - ☒ 2. ₹1.50 lakh crore
 - ☒ 3. ₹3.00 lakh crore
 - ☒ 4. ₹2.00 lakh crore

Q.23 In a certain code language,
'A + B' means 'A is the mother of B',
'A - B' means 'A is the brother of B',
'A x B' means 'A is the wife of B' and
'A ÷ B' means 'A is the father of B'.

How is M related to Q if 'M - N + O ÷ P x Q'?

- Ans**
- ☒ 1. Wife's father's father
 - ☒ 2. Wife's mother's brother
 - ☒ 3. Wife's mother's father
 - ☒ 4. Wife's father's mother's brother

Q.24 Which type of wave is a sound wave in air?

- Ans**
- ☒ 1. Transverse
 - ☒ 2. Longitudinal
 - ☒ 3. Standing
 - ☒ 4. Electromagnetic

Q.25 The simplified value of $139 - 15 \times (11 + 4) + 52$ is:

- Ans**
- ☒ 1. -34
 - ☐ 2. -24
 - ☐ 3. -33
 - ☐ 4. -25

Q.26 The Utkal Plains are situated along which part of India's coastal plain?

- Ans**
- ☐ 1. Malabar Coast
 - ☒ 2. Eastern Coastal Plain
 - ☐ 3. Western Coastal Plain
 - ☐ 4. Konkan Coast

Q.27 What happens if you paste text into MS-PowerPoint 2019 with the Keep Source Formatting option?

- Ans**
- ☐ 1. The text adopts the destination slide's theme fonts/colors.
 - ☐ 2. The text size automatically adjusts to fit the slide.
 - ☒ 3. The text retains its original formatting from the source.
 - ☐ 4. The text is converted into an image.

Q.28 Which DRDO lab conducted a successful laser weapon test in April 2025?

- Ans**
- ☐ 1. NPOL (Naval Physical & Oceanographic Laboratory)
 - ☐ 2. ADE (Aeronautical Development Establishment)
 - ☐ 3. CAIR (Centre for Artificial Intelligence & Robotics)
 - ☒ 4. CHESS (Centre for High Energy Systems and Sciences)

Q.29 A right triangle with sides 56 cm, 42 cm and 70 cm is rotated about the side of 56 cm to form a cone. The total surface area (in cm^2) of the cone so formed is:

- Ans**
- ☒ 1. 4704π
 - ☐ 2. 3446π
 - ☐ 3. 5760π
 - ☐ 4. 7056π

Q.30 The synapse's effectiveness in transmitting nerve impulses is most critically determined by which of the following?

- Ans**
- ☐ 1. The length of the dendritic arborisation
 - ☐ 2. The diameter of the axon
 - ☒ 3. The concentration of neurotransmitter and the number of receptors in the postsynaptic membrane
 - ☐ 4. The presence of myelin sheaths along the dendrites

Q.31 A chord AB is drawn in a circle with centre O and radius 6 cm. If the shortest distance between the centre and the chord is 4.5 cm, then find the length of chord AB.

- Ans**
- ☐ 1. $2\sqrt{7}$ cm
 - ☐ 2. $4\sqrt{7}$ cm
 - ☐ 3. $\sqrt{7}$ cm
 - ☒ 4. $3\sqrt{7}$ cm

Q.32 Arijit Singh received the Padma Shri in 2025 in which of the following fields?

- Ans**
- ☐ 1. Sports
 - ☐ 2. Literature
 - ☐ 3. Social Work
 - ☒ 4. Art

Q.33 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$127 \div 5 + 707 \times 7 - 38 = ?$$

- Ans**
- ☐ 1. 571
 - ☐ 2. 575
 - ☐ 3. 576
 - ☒ 4. 572

Q.34 What should come in place of the question mark (?) in the given series?

$$49 \ 55 \ 63 \ 73 \ 85 \ 99 \ ?$$

- Ans**
- ☐ 1. 111
 - ☐ 2. 129
 - ☒ 3. 115
 - ☐ 4. 120

Q.35 Which Windows OS tool is used to change the system date and time?

- Ans**
- ☒ 1. Control Panel
 - ☐ 2. Task Manager
 - ☐ 3. Device Manager
 - ☐ 4. File Explorer

Q.36 Which keyboard shortcut opens the Print dialog box in MS Excel 365?

- Ans**
- ☐ 1. Ctrl + S
 - ☐ 2. Ctrl + N
 - ☒ 3. Ctrl + P
 - ☐ 4. Ctrl + O

Q.37 The mean and the mode of a data set are 33.9 and 40.1, respectively. Find the median of the data, using the empirical formula. (Round off your answer to two decimal places.)

- Ans**
- ☐ 1. 35.33
 - ☐ 2. 36.27
 - ☒ 3. 35.97
 - ☐ 4. 34.66

Q.38 The arithmetic mean of the observations 69, 60, 39, 58, 55, 31, 84, 64 and 80 is:

- Ans**
- ☐ 1. 50
 - ☐ 2. 59
 - ☒ 3. 60
 - ☐ 4. 53

Q.39 If + means -, - means ×, × means ÷, and ÷ means +, what will come in place of the question mark (?) in the following equation?

$$15 - 3 \div 5 + 18 \times 6 = ?$$

- Ans**
- ☐ 1. 50
 - ☐ 2. 57
 - ☒ 3. 47
 - ☐ 4. 40

Q.40 In early 2025, the Defence Research and Development Organisation (DRDO) achieved a milestone by developing a laser weapon system. What is the power output of this system?

- Ans**
- ✓ 1. 30 kilowatts
 - ✗ 2. 10 kilowatts
 - ✗ 3. 40 kilowatts
 - ✗ 4. 20 kilowatts

Q.41 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Letter	F	T	E	P	A	U	X
Code	7	\$	@	9	2	%	6

Conditions:

1. If the 1st letter is a vowel and the last letter is a consonant, their codes are to be interchanged.
2. If the 2nd letter is a vowel and the last letter is a consonant, both are to be coded as 'W'.
3. If the 3rd and 4th letters are consonants, both are to be coded as the code for the 3rd letter.
4. If the 1st and 2nd letters are vowels, then both are to be coded as 'Q'.

What will be the code for the following group?

EPTFU



- Ans**
- ✓ 1. @ 9 \$ \$ %
 - ✗ 2. @ \$ \$ 7 %
 - ✗ 3. @ 9 7 7 %
 - ✗ 4. @ 9 W W %

Q.42 In 1892, the Indian National Congress passed a significant resolution at its Allahabad Session, which was a demand for the inclusion of Indians in which of the following?

- Ans**
- ✗ 1. Viceroy's Council
 - ✗ 2. Civil Services
 - ✗ 3. Provincial Assemblies
 - ✓ 4. Legislative Council

Q.43 The first Law Commission in India was headed by ____.

- Ans**
- ✗ 1. Lord Cornwallis
 - ✓ 2. Lord Macaulay
 - ✗ 3. Sir Elijah Impey
 - ✗ 4. Lord Hastings

Q.44 What should come in place of the question mark (?) in the given series?

201, 200, 197, 192, 185, ?

- Ans**
- ✗ 1. 187
 - ✗ 2. 184
 - ✓ 3. 176
 - ✗ 4. 185

Q.45 The sides of a rectangular field are 11 m and 14 m long. Its area is equal to the area of a circular field. What is the circumference (in m) of the circular field?

Take $\pi = \frac{22}{7}$

- Ans**
- ☐ 1. 85
 - ☐ 2. 19
 - ☐ 3. 79
 - ☒ 4. 44

Q.46 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

IPK PWR WDY DKF ?

- Ans**
- ☐ 1. RKM
 - ☒ 2. KRM
 - ☐ 3. RMK
 - ☐ 4. KMR

Q.47 Which method CANNOT be used to create a new slide in MS PowerPoint 365?

- Ans**
- ☒ 1. Pressing Ctrl + N
 - ☐ 2. Pressing Ctrl + M
 - ☐ 3. Right-clicking in the slide sorter pane and selecting 'New Slide'
 - ☐ 4. Clicking 'New Slide' on the Home tab

Q.48 If $x + \frac{1}{x} = 15$, then the value of $x^3 + \frac{1}{x^3}$ is:

- Ans**
- ☐ 1. 3311
 - ☐ 2. 3298
 - ☒ 3. 3330
 - ☐ 4. 3267

Q.49 Given that $12^{0.36} = x$, $12^{0.64} = y$ and $x^z = y^4$, then the value of z is close to:

- Ans**
- ☒ 1. 7.11
 - ☐ 2. 9.48
 - ☐ 3. 6.89
 - ☐ 4. 5.52

Q.50 E, X, P, A, N, and D live on six different floors of the same building. Only one person lives above D. Only A lives below P. E lives on an even numbered floor. X lives on a floor above D.
How many people live below N?

- Ans**
- ☐ 1. One
 - ☒ 2. Two
 - ☐ 3. Three
 - ☐ 4. Zero

Q.51 By selling an article for ₹112, a man loses 30%. At what price (in ₹) should he sell it to gain 15%?

- Ans**
- ☐ 1. 174
 - ☐ 2. 204
 - ☒ 3. 184
 - ☐ 4. 194

Q.52 In March 2025, which day was celebrated to promote the use of generic medicines?

- Ans**
- ☐ 1. Generic Drug Day
 - ☒ 2. Jan Aushadhi Diwas
 - ☐ 3. Bharat Medicine Day
 - ☐ 4. Health Security Day

Q.53 What was the theme of the 8th Indian Ocean Conference?

- Ans**
- ☐ 1. Sustainable Development in the Indian Ocean
 - ☐ 2. Blue Economy and Regional Integration
 - ☒ 3. Voyage to New Horizons of Maritime Partnership
 - ☐ 4. Maritime Security and Cooperation

Q.54 The angle of elevation of the top of a hill from a point on the ground is 60° . If the hill is 171 m high, find the distance from the given point to the top of the hill.

- Ans**
- ☐ 1. $171\sqrt{2}$ m
 - ☐ 2. 342 m
 - ☐ 3. $114\sqrt{2}$ m
 - ☒ 4. $114\sqrt{3}$ m

Q.55 In a certain code language, 'eat healthy food' is coded as 'xy zd uv' and 'food is essential' is coded as 'uv aq bc'. How is 'food' coded in the given language?

- Ans**
- ☐ 1. zd
 - ☐ 2. aq
 - ☒ 3. uv
 - ☐ 4. xy

Q.56 Which Indian city is most influenced by retreating monsoon rainfall?

- Ans**
- ☐ 1. Bhopal
 - ☒ 2. Chennai
 - ☐ 3. Mumbai
 - ☐ 4. Jaipur

Q.57 A person saves 50% of his income. If his expenditure is ₹320, then his income (in ₹) is:

- Ans**
- ☐ 1. 680
 - ☐ 2. 160
 - ☒ 3. 640
 - ☐ 4. 600

Q.58 Which of the following countries will now co-host the rescheduled 2026 Rugby League World Cup along with Australia?

- Ans**
- ☐ 1. Fiji
 - ☐ 2. Samoa
 - ☒ 3. Papua New Guinea
 - ☐ 4. Tonga

Q.59 Two pipes can fill a cistern, individually, in 35 min and 15 min, respectively. There is a pipe located at the bottom of the cistern to empty it. If all the three pipes are opened simultaneously, then the empty cistern gets filled in 6 min. How long will the pipe at the bottom of the cistern take to empty the completely filled cistern if no other pipe is then open?

- Ans**
- ☒ 1. 14 min
 - ☐ 2. 17 min
 - ☐ 3. 5 min
 - ☐ 4. 8 min

Q.60 The Takht-i-Bahi inscription is associated with which region?

- Ans**
- ☐ 1. Kannauj
 - ☐ 2. Agra
 - ☒ 3. Gandhara
 - ☐ 4. Gujarat

Q.61 Find the area of a regular hexagon whose side measures $16\sqrt{2}$ cm.

- Ans**
- ☐ 1. $876\sqrt{3}$ cm²
 - ☐ 2. $867\sqrt{3}$ cm²
 - ☒ 3. $768\sqrt{3}$ cm²
 - ☐ 4. $786\sqrt{3}$ cm²

Q.62 Roots of which of the following revolts lied in the fact that the British deprived the tribals of their traditional rights over the toddy trees?

- Ans**
- ☐ 1. Telanga Kharia Revolt
 - ☒ 2. Koya revolt
 - ☐ 3. Khasi Rebellion
 - ☐ 4. Manjhi Revolt

Q.63 C is the third proportional of 57 and B. If B is the sum of the first three even natural numbers, then find the value of C.
(Rounded off to two decimal places)

- Ans**
- ☐ 1. 1.33
 - ☒ 2. 2.53
 - ☐ 3. 0.07
 - ☐ 4. 0.65

Q.64 Town C is to the east of Town D. Town E is to the north of Town C. Town F is to the south of Town E. Town G is to the west of Town F. Town D is to the north-east of Town G. What is the position of Town C with respect to Town F?

- Ans**
- ☒ 1. North
 - ☐ 2. West
 - ☐ 3. East
 - ☐ 4. South

Q.65 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(43, 48, 5)

(49, 70, 21)

- Ans**
- ☐ 1. (48, 71, 20)
 - ☐ 2. (45, 52, 4)
 - ☐ 3. (36, 52, 13)
 - ☒ 4. (20, 34, 14)

Q.66 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

GEB IGD KIF MKH ?

- Ans**
- ☐ 1. OMI
 - ☐ 2. ONI
 - ☒ 3. OMJ
 - ☐ 4. ONJ

Q.67 Jon ranked 24th from the top and 16th from the bottom in his class. How many students are there in his class?

- Ans**
- ☐ 1. 37
 - ☐ 2. 40
 - ☒ 3. 39
 - ☐ 4. 38

Q.68 Which of the following statements regarding the National Mission on Edible Oils - Oil Palm (NMEO-OP) is/are correct?

1. A new Centrally Sponsored Scheme, namely, National Mission on Edible Oils - Oil Palm (NMEO-OP) was launched by the Government of India in 2021.
2. It aims to promote oil palm cultivation for making the country Aatma Nirbhar in edible oils with special focus on North-Eastern States and A&N Islands.
3. The Mission aims to bring additional area of 6.5 lakh ha under Oil Palm plantation in the next 5 years, from 2025-26 to 2030-31.

- Ans**
- ☒ 1. Only 1 and 2
 - ☐ 2. Only 2 and 3
 - ☐ 3. 1, 2 and 3
 - ☐ 4. Only 2

Q.69 The concept of Lok Adalat draws inspiration from the _____.

- Ans**
- ☒ 1. ancient Indian dispute resolution
 - ☐ 2. American arbitration system
 - ☐ 3. Roman legal system
 - ☐ 4. British jury system

Q.70 Mr. Y starts from Point B and drives 4 km towards the south. He then takes a left turn, drives 7 km, turns right and drives 7 km. He then takes a left turn and drives 9 km. He takes a final left turn, drives 11 km and stops at Point A. How far (shortest distance) and towards which direction should he drive in order to reach Point B again? (All turns are 90 degree turns only unless specified.)

- Ans**
- ☐ 1. 7 km towards the south
 - ☒ 2. 16 km towards the west
 - ☐ 3. 16 km towards the east
 - ☐ 4. 11 km towards the north

Q.71 According to the IMF's April 2025 Global Financial Stability Report, how much did global stock returns decline on average during major geopolitical risk events?

- Ans**
- ☐ 1. 1.5%
 - ☐ 2. 2.5%
 - ☒ 3. 01%
 - ☐ 4. 3.2%

Q.72 What provision was introduced by the Sixty-fifth Amendment Act of 1990 for the welfare of Scheduled Castes and Scheduled Tribes?

- Ans**
- ☒ 1. A multi-member National Commission
 - ☐ 2. A single special officer
 - ☐ 3. A ministry for tribal affairs
 - ☐ 4. A new reservation policy

Q.73 The role of the Himalayas in shaping India's climate includes all, EXCEPT which of the following?

- Ans**
- ☐ 1. Contributing to snowfall in northern India
 - ☒ 2. Creating convection currents
 - ☐ 3. Blocking cold winds from Central Asia
 - ☐ 4. Acting as a barrier to southwest monsoon winds

Q.74 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 9 8 3 1 4 6 # 6 4 6 * % & \$ @ 9 1 % 1 % # £ (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans**
- ☐ 1. 5
 - ☒ 2. 3
 - ☐ 3. 2
 - ☐ 4. 4

Q.75 Who among the following was awarded with the prestigious Lifetime Achievement Award for research in Diabetes in July 2024?

- Ans**
- ☒ 1. Dr. Jitendra Singh
 - ☐ 2. Piyush Goyal
 - ☐ 3. Jitin Prasada
 - ☐ 4. Pankaj Chaudhary

Q.76 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. HPK
 - ☐ 2. NVQ
 - ☒ 3. PXR
 - ☐ 4. LTO

Q.77 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 8 \$ 7 & 3 Ω 9 # 1 8 £ 6 @ & % 4 6 @ * 4 5 (Right)

How many such symbols are there each of which is immediately preceded by an even number and also immediately followed by an odd number?

- Ans**
- ☒ 1. One
 - ☐ 2. Four
 - ☐ 3. Two
 - ☐ 4. Three

Q.78 The average of eight numbers is 124. Find the least number if it is one-sixteenth of the sum of the numbers.

- Ans**
- ☒ 1. 62
 - ☐ 2. 65
 - ☐ 3. 63
 - ☐ 4. 64

Q.79 In November 2024, the Indian government introduced the Broadcasting Services (Regulation) Bill, 2024. Which of the following is a key feature of this bill?

- Ans**
- ☐ 1. Abolishment of the Cable Television Networks (Regulation) Act, 1995, without replacement
 - ☒ 2. Mandatory registration of digital news broadcasters and content creators
 - ☐ 3. Complete deregulation of satellite television channels
 - ☐ 4. Exemption of OTT platforms from any regulatory oversight

Q.80 Find the simple interest (in ₹) on ₹900 at an interest rate of 6% per month in 12 months.

- Ans**
- ☐ 1. 74
 - ☒ 2. 648
 - ☐ 3. 54
 - ☐ 4. 108

Q.81 3 years ago from now, the age of father was 30 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

- Ans**
- ☐ 1. 23
 - ☐ 2. 29
 - ☐ 3. 24
 - ☒ 4. 27

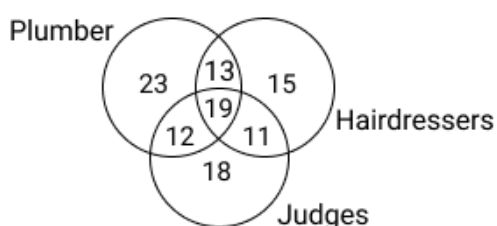
Q.82 If you want to save a workbook in MS Excel 365 so that only viewing is allowed and editing is restricted, which feature should you use?

- Ans
- ☐ 1. Read Aloud
 - ☐ 2. Print Layout
 - ☐ 3. Freeze Panes
 - ☒ 4. Read-Only Mode

Q.83 After allowing a discount of 76%, the value of a ceiling fan is ₹3,330. If no discount is allowed, then the shopkeeper gains 50%. Find the cost price (in ₹) of the ceiling fan.

- Ans
- ☒ 1. 9,250
 - ☐ 2. 9,248
 - ☐ 3. 9,247
 - ☐ 4. 9,252

Q.84 Study the given Venn diagram carefully and answer the question that follows.



The numbers in different sections indicate the number of persons. How many plumbers are there who are also hairdressers and judges?

- Ans
- ☐ 1. 11
 - ☐ 2. 23
 - ☒ 3. 19
 - ☐ 4. 12

Q.85 For what value of k do the quadratic equations: $2x^2 - 5x + 3 = 0$ and $4x^2 - (k+1)x + 6 = 0$, have both roots common?

- Ans
- ☐ 1. 11
 - ☐ 2. 7
 - ☒ 3. 9
 - ☐ 4. 5

Q.86 The marked price of a bed is ₹744, which is 31% above the cost price. If the profit percentage is 9%. Find the discount percentage. (rounded off to two decimal places)

- Ans
- ☐ 1. 15.52%
 - ☒ 2. 16.79%
 - ☐ 3. 18.65%
 - ☐ 4. 14.59%

Q.87 I, J, K, L, M, N and R are sitting around a circular table facing the centre of the table. K sits fourth to the right of L. Only two people sit between M and I when counted from the left of M. J sits third to the left of R. N is an immediate neighbour of R and I. How many people between K and N when counted from the left of N?

- Ans
- ☒ 1. Four
 - ☐ 2. Three
 - ☐ 3. One
 - ☐ 4. Two

Q.88 X is directly proportional to A^2 and A is inversely proportional to Y. If X is 39 when Y is 20, find X when Y is 2.

- Ans**
- ☒ 1. 3900
 - ☐ 2. 3901
 - ☐ 3. 3902
 - ☐ 4. 3897

Q.89 In a certain code language, 'HEIR' is coded as '2468' and 'EASY' is coded as '1327'. What is the code for 'E' in the given code language?

- Ans**
- ☐ 1. 4
 - ☒ 2. 2
 - ☐ 3. 7
 - ☐ 4. 1

Q.90 Which of the following is not an 'Avanaddha Vadya'?

- Ans**
- ☐ 1. Dhol
 - ☐ 2. Damru
 - ☒ 3. Manjira
 - ☐ 4. Tabla

Q.91 Train A, running at a speed of 32 km/hr, takes 33 seconds to completely cross train B, running at 28 km/hr in the opposite direction. The length of train B is 1.5 times the length of train A. Train B crosses a bridge completely in 54 seconds. What is the length of the bridge (in m)?

- Ans**
- ☐ 1. 177
 - ☐ 2. 109
 - ☐ 3. 154
 - ☒ 4. 90

Q.92 Where are the elements such as neptunium and plutonium found?

- Ans**
- ☐ 1. Granite
 - ☐ 2. Coal
 - ☒ 3. Pitchblende
 - ☐ 4. Seawater

Q.93 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.

GEAN - NAGE - GAEN
MAKE - EKMA - MKAE

- Ans**
- ☒ 1. FOWL - LWFO - FWOL
 - ☐ 2. BEAN - NABE - EABN
 - ☐ 3. TURN - URTN - URNT
 - ☐ 4. BOLD - BLOD - DLOB

Q.94 Which industry is closely associated with 'cluster development' and the second-largest sector in terms of job creation in India after agriculture?

- Ans**
- ☐ 1. Pharmaceuticals
 - ☐ 2. Steel
 - ☒ 3. Textile and apparel
 - ☐ 4. Automobile

Q.95 The Tonnage Tax Scheme, seen in Union Budget 2025-26, is associated with taxing which sector?

- Ans**
- ☒ 1. Shipping activities
 - ☐ 2. Telecom companies
 - ☐ 3. Digital companies
 - ☐ 4. Manufacturing companies

Q.96 M, N, O, P, Y and Z live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. O lives on an even numbered floor but not on floor number 4. Only two people live between O and Z. Y lives on an odd numbered floor but not on the lowermost floor. Only two people live between Y and M. P lives immediately below Y. How many people live between N and P?

- Ans**
- ☐ 1. One
 - ☐ 2. Four
 - ☒ 3. Two
 - ☐ 4. Three

Q.97 After 51 litres of petrol was poured into an empty storage tank, it was still 1% empty. How much petrol (in litres, rounded off to two decimal places) must be poured into the storage tank in order to fill it?

- Ans**
- ☒ 1. 51.52
 - ☐ 2. 52.05
 - ☐ 3. 50.52
 - ☐ 4. 52.52

Q.98 X, Y and Z invest a sum in the ratio 45 : 37 : 71 respectively. If they earned total profit of ₹2,790 at the end of year, then what is the difference between the share of Y and Z?

- Ans**
- ☐ 1. ₹728
 - ☒ 2. ₹620
 - ☐ 3. ₹599
 - ☐ 4. ₹644

Q.99 The 'Reclining Statue of Lord Vishnu' is found in which of the following caves?

- Ans**
- ☐ 1. Ellora caves
 - ☐ 2. Elephanta caves
 - ☐ 3. Ajanta caves
 - ☒ 4. Undavalli caves

Q.100 Which of the following Articles of the Constitution of India prohibits human trafficking?

- Ans**
- ☐ 1. Article 21
 - ☐ 2. Article 24
 - ☐ 3. Article 19
 - ☒ 4. Article 23



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	ION Digital Zone iDZ Kovilambakkam
Test Date	10/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 O, P, Q, R, S, T and X are sitting around a circular table facing the centre of the table. Only one person sits between Q and X when counted from the left of X. P sits third to the right of R. O sits third to the left of T. P sits to the immediate right of O. S is not an immediate neighbour of O. How many people sit between S and X when counted from the right of S?

- Ans**
- ☒ 1. Two
 - ☒ 2. One
 - ☒ 3. Four
 - ☒ 4. Three

Q.2 P is any point inside the rectangle ABCD. If PA = 69 cm, PB = 27 cm and PC = 38 cm, then the length of PD (in cm) is:

- Ans**
- ☒ 1. 78
 - ☒ 2. 70
 - ☒ 3. 74
 - ☒ 4. 72

Q.3 Which of the following is a key reason for judicial review in India?

- Ans**
- ☒ 1. To maintain federal balance between Centre and States
 - ☒ 2. To ensure the supremacy of the Parliament
 - ☒ 3. To protect the supremacy of the Constitution and fundamental rights
 - ☒ 4. To allow the judiciary to make laws

Q.4 Mr. I starts from Point M and drives 5 km towards the south. He then takes a right turn, drives 8 km, turns left and drives 7 km. He then takes a left turn and drives 12 km. He takes a final left turn, drives 12 km and stops at Point N. How far (shortest distance) and towards which direction should he drive in order to reach Point M again? (All turns are 90 degree turns only unless specified.)

- Ans**
- ☒ 1. 12 km towards the north
 - ☒ 2. 5 km towards the south
 - ☒ 3. 4 km towards the east
 - ☒ 4. 4 km towards the west

Q.5 What should come in place of the question mark (?) in the given series?

42 57 72 87 102 ?

- Ans**
- ☐ 1. 115
 - ☒ 2. 117
 - ☐ 3. 121
 - ☐ 4. 108

Q.6 In December 2024, which nationwide movement was launched to promote cycling as a sustainable and inclusive fitness activity?

- Ans**
- ☐ 1. Fit India Pedal Mission
 - ☐ 2. Cycle for Bharat Campaign
 - ☐ 3. Ride for Health India
 - ☒ 4. Fit India Sundays on Cycle

Q.7 Seven people, I, J, K, L, O, P and Q are sitting in a row, facing north. Only three people sit to the left of P. Only I sits to the right of Q. Only three people sit between Q and K. L sits at some place to the left of J but at some place to the right of O. How many people sit between O and J?

- Ans**
- ☐ 1. Four
 - ☒ 2. Three
 - ☐ 3. Two
 - ☐ 4. One

Q.8 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All cars are old.
Some old are new.
Some new are red.

Conclusions:

(I) All old are cars.
(II) Some new are old.

- Ans**
- ☒ 1. Only conclusion (II) follows.
 - ☐ 2. Both conclusions (I) and (II) follow.
 - ☐ 3. Neither conclusion (I) nor (II) follows.
 - ☐ 4. Only conclusion (I) follows.

Q.9 What type of shrine is the Neeramankara Temple located in Nemam, Kerala, in India known to be?

- Ans**
- ☒ 1. Sandhara type
 - ☐ 2. Sarvatobhadra type
 - ☐ 3. Mandapa type
 - ☐ 4. Nirandhara type

Q.10 Which of the following statements about the National Mission on Natural Farming (NMNF), launched in 2024, is/are correct?

1. The total approved outlay of NMNF till 2025-26 is ₹1,000 crore.
2. The mission supports the establishment of Bio-input Resource Centres for providing Natural Farming inputs.

Ans ☒ 1. Neither 1 nor 2
☒ 2. Only 1
☒ 3. Only 2
☒ 4. Both 1 and 2

Q.11 What is the primary objective of the Shri S Ramakrishnan Centre of Excellence in Fluid and Thermal Science Research 2025, at IIT Madras?

Ans ☒ 1. To establish a research hub for space-related medical research
☒ 2. To enhance India's capabilities in satellite navigation systems
☒ 3. To tackle complex thermal challenges in space applications
☒ 4. To develop advanced propulsion systems for launch vehicles

Q.12 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: VSQ :: OLJ : %

Ans ☒ 1. # = YVT, % = LIG
☒ 2. # = YOZ, % = LOQ
☒ 3. # = IQT, % = VCG
☒ 4. # = UZT, % = QMG

Q.13 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans ☒ 1. MK-GH
☒ 2. KI-FD
☒ 3. BZ-WU
☒ 4. YW-TR

Q.14 A tangent is drawn from point P to a circle with centre O. The radius of the circle is 7 cm, and the distance from point P to the centre O is 25 cm. What is the length of the tangent from point P to the point of tangency?

Ans ☒ 1. 24 cm
☒ 2. 21 cm
☒ 3. 31 cm
☒ 4. 27 cm

Q.15 Which revolution in India is associated with the growth of the fishing industry?

Ans ☒ 1. White Revolution
☒ 2. Blue Revolution
☒ 3. Yellow Revolution
☒ 4. Green Revolution

Q.16 If $\sin A = \frac{3}{4}$, then calculate $\frac{2\cos A}{\sqrt{7}}$.

- Ans
- ☐ 1. $\frac{\sqrt{7}}{2}$
 - ☒ 2. $\frac{1}{2}$
 - ☐ 3. $\frac{1}{4}$
 - ☐ 4. $\frac{\sqrt{7}}{4}$

Q.17 Who among the following was an old zamindar from Bihar who joined the rebel sepoys during the Revolt of 1857 and battled with the British for many months?

- Ans
- ☐ 1. Bakht Khan
 - ☐ 2. Tantia Tope
 - ☐ 3. Ahmadullah Shah
 - ☒ 4. Kunwar Singh

Q.18 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Only three boxes are kept above G. Only one box is kept between F and G. Only three boxes are kept between F and B. B is kept in some place above G. E is kept immediately below B. A is kept in one of the places above D. C is not kept immediately above or below F. How many boxes are kept below A?

- Ans
- ☐ 1. 3
 - ☐ 2. 4
 - ☒ 3. 2
 - ☐ 4. 1

Q.19 Town A is to the south of Town B. Town C is to the east of Town B. Town D is to the west of Town C. Town E is to the north of Town D. Town A is to the south-east of Town E. What is the position of Town B with respect to Town D?

- Ans
- ☐ 1. West
 - ☐ 2. South
 - ☒ 3. East
 - ☐ 4. North

Q.20 Each of J, K, L, M, N, O and P has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Only two people have exams before P. Only one person has an exam after L. Only three people have exams between P and J. Only one person has an exam between K and L. O has an exam immediately after M. How many people have exams between M and N?

- Ans
- ☐ 1. Two
 - ☐ 2. One
 - ☒ 3. Three
 - ☐ 4. Four

Q.21 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 3 € \$ 1 6 8 6 6 € \$ # % # * 3 8 3 1 € 6 @ 3 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans ☒ 1. 2

☐ 2. 4

☐ 3. 3

☐ 4. 1

Q.22 Rajesh ranked 17th from the top and 44th from the bottom in his class. How many students are there in his class?

Ans ☒ 1. 60

☐ 2. 59

☐ 3. 61

☐ 4. 62

Q.23 If $x + \frac{1}{x} = 4$, then the value of $x^3 + \frac{1}{x^3}$ is:

Ans ☐ 1. 39

☐ 2. 151

☒ 3. 52

☐ 4. 134

Q.24 The average of three numbers is 23. If two of them are 11 and 26, the third number is:

Ans ☐ 1. 33

☒ 2. 32

☐ 3. 34

☐ 4. 31

Q.25 Which of the following architectures has been built in the 'Charbagh' style?

Ans ☒ 1. Taj Mahal

☐ 2. Gumbaj of Bijapur

☐ 3. Quwwat-ul-Islam mosque

☐ 4. Qutub Minar

Q.26 The mean and the mode of a data set are 51.5 and 61.7, respectively. Find the median of the data set, using the empirical formula.

Ans ☐ 1. 55.4

☐ 2. 54.3

☒ 3. 54.9

☐ 4. 56.1

Q.27 Gopal gets a 2% increase in his sale amount in the first year and a 20% increase in the second year, and with that his present sale is ₹1,83,600. What was his sale (in ₹) two years ago?

Ans ☐ 1. 1,53,000

☒ 2. 1,50,000

☐ 3. 1,80,000

☐ 4. 1,30,000

Q.28 Which region is NOT part of the outer boundary of the Peninsular Plateau?

- Ans**
- ☒ 1. Gir Range
 - ☒ 2. Himalayas
 - ☒ 3. Rajmahal Hills
 - ☒ 4. Delhi Ridge

Q.29 Which Article of the Constitution of India states about the directive for states to make provision for public assistance in cases of unemployment?

- Ans**
- ☒ 1. Article 40
 - ☒ 2. Article 41
 - ☒ 3. Article 42
 - ☒ 4. Article 39

Q.30 Which tab in MS Word 365 contains options to change page margins, orientation and size?

- Ans**
- ☒ 1. Review
 - ☒ 2. Insert
 - ☒ 3. Home
 - ☒ 4. Layout

Q.31 In which year was the World Trade Organization, which has promoted globalisation across nations, established?

- Ans**
- ☒ 1. 1991
 - ☒ 2. 1995
 - ☒ 3. 2000
 - ☒ 4. 2001

Q.32 Find the simple interest (in ₹) on ₹1,200 at an interest rate of 3% per month in 1 month.

- Ans**
- ☒ 1. 3
 - ☒ 2. 36
 - ☒ 3. 23
 - ☒ 4. 6

Q.33 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

FCA HEC JGE LIG ?

- Ans**
- ☒ 1. NKI
 - ☒ 2. NLJ
 - ☒ 3. NLI
 - ☒ 4. NKJ

Q.34 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☒ 1. GO-KF
 - ☒ 2. BJ-FZ
 - ☒ 3. TB-XR
 - ☒ 4. HP-LF

Q.35 Which of the following best describes the 'Gutter' margin in MS Word 2019?

- Ans**
- ☐ 1. A margin applied only to odd-numbered pages
 - ☐ 2. The space at the top of the page for a header
 - ☒ 3. Extra space added for document binding
 - ☐ 4. The blank space on all four sides of the page

Q.36 WR 21 is related to ZS 6 in a certain way. In the same way, GV 11 is related to JW -4. To which of the given options is UE 5 related, following the same logic?

- Ans**
- ☐ 1. VW -9
 - ☐ 2. FV -6
 - ☒ 3. XF -10
 - ☐ 4. NM -7

Q.37 If a hemisphere of radius 3 cm is fitted inside a cuboid and then water is filled inside the cuboid, the amount of water (in cm^3) present in the cuboid is:

(Take $\pi = 3.14$)

- Ans**
- ☐ 1. 49.81
 - ☐ 2. 55.28
 - ☒ 3. 51.48
 - ☐ 4. 57.64

Q.38 As of 28 March 2025, approximately how many farmer IDs have been generated under the Digital Agriculture Mission in India?

- Ans**
- ☒ 1. 4.85 crore
 - ☐ 2. 1.25 crore
 - ☐ 3. 3.50 crore
 - ☐ 4. 4.10 crore

Q.39 Two numbers are respectively 30% and 18% more than a third number. The ratio of the two numbers is:

- Ans**
- ☒ 1. 65 : 59
 - ☐ 2. 58 : 63
 - ☐ 3. 55 : 64
 - ☐ 4. 73 : 74

Q.40 If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 7481652, what will be the difference between the first digit from the left and the first digit from the right in the new number thus formed?

- Ans**
- ☐ 1. 6
 - ☐ 2. 4
 - ☐ 3. 2
 - ☒ 4. 8

Q.41 Which principle of citizenship did India start following more strictly after the 2003 Amendment?

- Ans**
- ☐ 1. Dual citizenship
 - ☐ 2. Jus soli (by birth)
 - ☐ 3. Universal citizenship
 - ☒ 4. Jus sanguinis (by blood)

Q.42 C is the third proportional of 44 and B. If B is the sum of the first three even natural numbers, then find the value of C.
 (Round off your answer to two decimal places)

- Ans
- ☐ 1. 4.58
 - ☐ 2. 0.98
 - ☐ 3. 1.98
 - ☒ 4. 3.27

Q.43 Standard base pairing in DNA occurs due to which type of bonding?

- Ans
- ☒ 1. Hydrogen bonding
 - ☐ 2. Van Der Waals interactions
 - ☐ 3. Covalent bonding
 - ☐ 4. Ionic bonding

Q.44 3 years ago from now, the age of father was 14 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

- Ans
- ☐ 1. 12
 - ☐ 2. 14
 - ☒ 3. 11
 - ☐ 4. 8

Q.45 What is the primary objective of the Railways (Amendment) Bill, 2024?

- Ans
- ☐ 1. To introduce high-speed bullet trains across India
 - ☐ 2. To establish a new ministry for railway operations
 - ☐ 3. To privatise the Indian Railways
 - ☒ 4. To merge the Indian Railway Board Act, 1905 into the Railways Act, 1989

Q.46 This question is based on the five, three-digit numbers given below.

(Left) 611 733 279 265 370 (Right)

(Example: 697 - First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the first digit of the lowest number?

- Ans
- ☐ 1. 4
 - ☐ 2. 6
 - ☐ 3. 8
 - ☒ 4. 5

Q.47 If the ratio of two numbers is 18 : 5 and the product of their LCM and their HCF is 360, then the sum of the reciprocals of the LCM and the HCF is:

- Ans
- ☒ 1. $\frac{91}{180}$
 - ☐ 2. $\frac{91}{204}$
 - ☐ 3. $\frac{91}{185}$
 - ☐ 4. $\frac{91}{193}$

Q.48 Effective Revenue Deficit was introduced in the government budgeting during which year?

- Ans
- ☐ 1. 2008-09
 - ☐ 2. 2015-16
 - ☐ 3. 2003-04
 - ☒ 4. 2011-12

Q.49 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$173 \div 3 - 135 \times 5 + 17 = ?$$

- Ans
- ☒ 1. 529
 - ☐ 2. 528
 - ☐ 3. 530
 - ☐ 4. 527

Q.50 A large number of terracotta toys were found at which site of the Indus Valley Civilization?

- Ans
- ☒ 1. Mohenjodaro
 - ☐ 2. Rakhigarhi
 - ☐ 3. Kalibangan
 - ☐ 4. Lothal

Q.51 Which of the following was NOT a tribal revolt?

- Ans
- ☐ 1. Tamar Revolts
 - ☒ 2. Farazi Movement
 - ☐ 3. Kherwar Movement
 - ☐ 4. Santhal Revolt

Q.52 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged, and 'x' and '÷' are interchanged?

$$87 \times 3 \div 4 + 12 - 30 = ?$$

- Ans
- ☐ 1. 145
 - ☒ 2. 134
 - ☐ 3. 144
 - ☐ 4. 122

Q.53 Which bank of India has been awarded the Digital Transformation Award 2025 for digital initiatives—Pravaah and Sarthi by Central Banking, London, United Kingdom?

- Ans
- ☐ 1. Bandhan Bank
 - ☐ 2. State Bank of India
 - ☒ 3. Reserve Bank of India
 - ☐ 4. Punjab National Bank

Q.54 Chandragupta Maurya is said to have converted to:

- Ans
- ☐ 1. Buddhism
 - ☐ 2. Christianity
 - ☒ 3. Jainism
 - ☐ 4. Zoroastrianism

Q.55 Which of the following best encapsulates the fundamental difference between the von Neumann and Harvard architectures in computer systems?

- Ans**
- ☒ 1. The von Neumann architecture utilises separate address spaces for instructions and data, while the Harvard architecture uses a single address space.
 - ☒ 2. The Harvard architecture allows simultaneous fetching of instructions and data, potentially improving performance, while the von Neumann architecture typically fetches them sequentially from the same memory space.
 - ☐ 3. The von Neumann architecture is primarily used in modern microcontrollers, while the Harvard architecture is prevalent in general-purpose computers.
 - ☐ 4. The Harvard architecture employs a more complex control unit compared to the von Neumann architecture.

Q.56 Which body primarily exercises the powers delegated through Article 243W of the Indian Constitution?

- Ans**
- ☒ 1. Municipal Corporations
 - ☐ 2. Parliament of India
 - ☐ 3. Panchayati Raj Institutions
 - ☐ 4. State Legislature

Q.57 What should come in place of the question mark (?) in the given series?

502 500 496 490 482 ?

- Ans**
- ☐ 1. 468
 - ☐ 2. 471
 - ☐ 3. 469
 - ☒ 4. 472

Q.58 The simplified value of $118 - 5 \times (10 + 20) + 55$ is:

- Ans**
- ☒ 1. 23
 - ☐ 2. 33
 - ☐ 3. 17
 - ☐ 4. 20

Q.59 Three persons X, Y, and Z started a business with their shares in the ratio 13 : 20 : 15. After 7 months, Y withdrew his 33% share, while Z withdrew his 24% share 5 months prior to the completion of the year. If the total profit at the end of year is ₹16,100, find the share of Z (in ₹) in the profit.

- Ans**
- ☒ 1. 4,968
 - ☐ 2. 5,063
 - ☐ 3. 5,250
 - ☐ 4. 4,888

Q.60 According to the 6th Annual Employment-Unemployment Survey conducted by the Labour Bureau, what was the employment rate for women with vocational training?

- Ans**
- ☐ 1. 52.6%
 - ☐ 2. 41.1%
 - ☒ 3. 36.2%
 - ☐ 4. 46.3%

Q.61 Which tier of the Panchayati Raj system in India is involved in governing the entire district?

- Ans**
- ☒ 1. Zila Parishad
 - ☐ 2. Village Panchayat
 - ☐ 3. Block Samiti
 - ☐ 4. Gram Sabha

Q.62 The median of the observations 49, 91, 24, 46, 90, 20, 21, 14, 66, 32 and 92 is:

- Ans
- ☐ 1. 32
 - ☐ 2. 24
 - ☐ 3. 49
 - ☒ 4. 46

Q.63 In March 2025, who became the first Indian to receive the Ramsar Award for 'Wetland Wise Use'?

- Ans
- ☐ 1. Vandana Shiva
 - ☐ 2. Sunita Narain
 - ☐ 3. Medha Patkar
 - ☒ 4. Jayshree Vencatesan

Q.64 What will the amount after 1 year be, if ₹2,400 is invested at 20% compound interest per annum, compounded half-yearly?

- Ans
- ☐ 1. ₹3,071
 - ☐ 2. ₹2,460
 - ☐ 3. ₹2,950
 - ☒ 4. ₹2,904

Q.65 Which of the following companies built Fort St George in Chennai in the 1640s and later established the Madras Presidency in 1684?

- Ans
- ☐ 1. Genoese East India Company
 - ☐ 2. Portuguese East India Company
 - ☐ 3. Spanish East India Company
 - ☒ 4. British East India Company

Q.66 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

FB-ID-KM
JF-MH-OQ

- Ans
- ☐ 1. NI-PK-RU
 - ☐ 2. NI-PL-RU
 - ☒ 3. MI-PK-RT
 - ☐ 4. MI-PK-RU

Q.67 Which statement is correct with reference to Neptunium?

- Ans
- ☒ 1. It is a naturally occurring element found in pitchblende.
 - ☐ 2. It was known during Mendeleev's time.
 - ☐ 3. It is stable element.
 - ☐ 4. It is non-reactive element.

Q.68 Find the value of $3\sqrt{8a^2 - 4a + 1} + 17a$, when $a = 2$.

- Ans
- ☐ 1. 42
 - ☒ 2. 49
 - ☐ 3. 53
 - ☐ 4. 46

Q.69 The average height of 15 boys out of a class of 50 is 163 cm. If the average height of the remaining boys is 165 cm, the average height (in cm) of all the boys of the class is:

- Ans
- ☐ 1. 164
 - ☒ 2. 164.4
 - ☐ 3. 165.4
 - ☐ 4. 165

Q.70 The equivalent fraction of $2.777\ldots$ is:

- Ans
- ☐ 1. $\frac{28}{11}$
 - ☐ 2. $\frac{21}{2}$
 - ☐ 3. $\frac{29}{3}$
 - ☒ 4. $\frac{25}{9}$

Q.71 In a certain code language,
'A + B' means 'A is the mother of B',
'A - B' means 'A is the brother of B',
'A × B' means 'A is the wife of B' and
'A ÷ B' means 'A is the father of B'.

Based on the above, how is M related to Q if 'M - N × O ÷ P + Q'?

- Ans
- ☒ 1. Mother's Mother's Brother
 - ☐ 2. Father's Brother
 - ☐ 3. Father's Father
 - ☐ 4. Mother's Father

Q.72 What happens if a user tries to rename a file to the same name as an existing file in the same folder?

- Ans
- ☒ 1. Windows displays an error: "A file with this name already exists."
 - ☐ 2. The file extension is automatically changed.
 - ☐ 3. Windows merges the contents of both files.
 - ☐ 4. Windows appends a number to the new filename (e.g., Document (2).txt).

Q.73 A cube of side 10 cm is cut into cubes of side 2 cm. Calculate the total surface area (in cm^2) of all the small cubes:

- Ans
- ☐ 1. 3008
 - ☐ 2. 3010
 - ☒ 3. 3000
 - ☐ 4. 3002

Q.74 This question is based on the five, three-digit numbers given below.

(Left) 388 739 783 483 785 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is subtracted from the third digit of the lowest number?

- Ans**
- ☐ 1. 4
 - ☐ 2. 0
 - ☐ 3. 2
 - ☒ 4. 1

Q.75 Two pipes can fill a cistern, individually, in 98 min and 28 min, respectively. There is a pipe located at the bottom of the cistern to empty it. If all the three pipes are opened simultaneously, then the empty cistern gets filled in 21 min. How long will the pipe at the bottom of the cistern take to empty the completely filled cistern if no other pipe is then open?

- Ans**
- ☐ 1. 583 min
 - ☐ 2. 606 min
 - ☒ 3. 588 min
 - ☐ 4. 577 min

Q.76 A man covers distances of 100 km, 408 km, and 1460 km at the speeds of 20 km/hr, x km/hr, and 20 km/hr, respectively. If his average speed for the whole journey is 20 km/hr, then what is the value of x?

- Ans**
- ☐ 1. 22
 - ☐ 2. 15
 - ☐ 3. 25
 - ☒ 4. 20

Q.77 What was the poverty rate in India in 2019-21, according to the India National Multidimensional Poverty Index, 2023?

- Ans**
- ☐ 1. 22.67%
 - ☒ 2. 14.96%
 - ☐ 3. 16.23%
 - ☐ 4. 24.58%

Q.78 Which tree is commonly found throughout the plains of the Thar Desert?

- Ans**
- ☐ 1. Teak
 - ☐ 2. Neem
 - ☐ 3. Sal
 - ☒ 4. Khejri

Q.79 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Numb er/sy mbol	2	@	9	5	\$	&	3	%	#	7	+	4	8	6
Code	D	B	A	M	L	E	C	Q	D	P	R	B	U	K

Conditions:

If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.

If the first element is an odd number and the last an even number, the first and last elements are to be coded as @.

If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?

@ 3 5 7

- Ans**
- ☒ 1. B C C P
 - ☒ 2. B M M P
 - ☒ 3. P C M B
 - ☒ 4. B C M P

Q.80 Which Indian state has the largest number of tribal communities classified under Particularly Vulnerable Tribal Groups (PVTGs) as of December 2022?

- Ans**
- ☒ 1. Madhya Pradesh
 - ☒ 2. Jharkhand
 - ☒ 3. Odisha
 - ☒ 4. Chhattisgarh

Q.81 Anil bought the first pen for ₹100 and the second pen for ₹160, respectively. He sells the first pen at 15% of the profit but the buyer bargains for the price, and he has to offer a 29% discount and the second pen at 58% of the profit. Find the total profit he had in this transaction (correct to two decimal places).

- Ans**
- ☒ 1. ₹72.91
 - ☒ 2. ₹74.45
 - ☒ 3. ₹77.75
 - ☒ 4. ₹74.26

Q.82 CSVG is related to GOZC in a certain way based on the English alphabetical order. In the same way, KKDY is related to OGHU. To which of the given options is SCLQ related, following the same logic?

- Ans**
- ☒ 1. XYQN
 - ☒ 2. WZOL
 - ☒ 3. VZPL
 - ☒ 4. WYPM

Q.83 The downstream speed is 22 km/hr and the upstream speed is 5.5 km/hr. It takes a boat a total of 8 hours to go to a place and come back. What is the total distance travelled by the boat?

- Ans
- ☐ 1. $\frac{176}{5}$ km
 - ☒ 2. $\frac{352}{5}$ km
 - ☐ 3. $\frac{172}{6}$ km
 - ☐ 4. $\frac{366}{5}$ km

Q.84 A retailer offers the following discount schemes for buyers on an article.

- I. Two successive discounts of 27%.
 - II. A discount of 36% followed by a discount of 45%.
 - III. Successive discounts of 19% and 32%.
 - IV. A discount of 34% followed by a discount of 7%.
- Which scheme will fetch the maximum selling price?

- Ans
- ☒ 1. IV
 - ☐ 2. I
 - ☐ 3. II
 - ☐ 4. III

Q.85 5 is related to 35 following a certain logic. Following the same logic, 2 is related to 14. To which of the following is 9 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans
- ☐ 1. 65
 - ☐ 2. 61
 - ☒ 3. 63
 - ☐ 4. 67

Q.86 A compound has an empirical formula CH_2 and a molar mass of 56 g/mol. Its molecular formula is:

- Ans
- ☐ 1. CH_2
 - ☐ 2. C_3H_6
 - ☒ 3. C_4H_8
 - ☐ 4. C_2H_4

Q.87 Who won the 2024 Nobel Peace Prize for their significant contributions to global peace and disarmament efforts?

- Ans
- ☐ 1. Antonio Guterres
 - ☐ 2. Al Gore
 - ☐ 3. Greta Thunberg
 - ☒ 4. Nihon Hidankyo

Q.88 You have applied a specific character style to several instances of a product name throughout a lengthy MS Word document. If you need to change the font and color of all these instances, what is the most efficient method?

- Ans
- ☐ 1. Using the 'Find and Replace' function with formatting options
 - ☐ 2. Copying the formatting from one instance using the 'Format Painter' and applying it to others
 - ☐ 3. Manually selecting each instance and applying the new formatting
 - ☒ 4. Modifying the definition of the character style

Q.89 In the context of India's population distribution, the term physiological density refers to population per ____.

- Ans**
- ☐ 1. hospital bed
 - ☐ 2. household
 - ☒ 3. unit of arable land
 - ☐ 4. doctor

Q.90 A person who spends 33% of his monthly income is able to save ₹6,298 per month. His monthly expenses (in ₹) are:

- Ans**
- ☐ 1. 3,195
 - ☒ 2. 3,102
 - ☐ 3. 3,083
 - ☐ 4. 3,024

Q.91 Which city hosted the QS Higher Ed Summit: Middle East in April 2025?

- Ans**
- ☒ 1. Kuwait City, Kuwait
 - ☐ 2. Dubai, UAE
 - ☐ 3. Doha, Qatar
 - ☐ 4. Riyadh, Saudi Arabia

Q.92 One pipe can fill the tank in 8 minutes while another pipe can empty the completely filled tank in 11 minutes. If both the pipes are operated together on empty tank, how long (in minutes) will it take to fill three-fourth of the tank?

- Ans**
- ☒ 1. 22
 - ☐ 2. 44
 - ☐ 3. 45
 - ☐ 4. 23

Q.93 In a certain code language, 'BORN' is coded as '2468' and 'NEST' is coded as '1327'. What is the code for 'N' in the given code language?

- Ans**
- ☐ 1. 8
 - ☒ 2. 2
 - ☐ 3. 1
 - ☐ 4. 7

Q.94 By selling an article for ₹112, a man loses 20%. At what price (in ₹) should he sell it to gain 50%?

- Ans**
- ☒ 1. 210
 - ☐ 2. 220
 - ☐ 3. 230
 - ☐ 4. 200

Q.95 Which of the following letter-number-clusters will replace the question mark (?) in the given series to make it logically complete?

CJL 11, DKM 15, ELN 19, FMO 23, ?

- Ans**
- ☐ 1. QNO 27
 - ☒ 2. GNP 27
 - ☐ 3. TXU 26
 - ☐ 4. TUY 26

Q.96 Who among the following won the gold medal in the compound mixed team event at the Archery World Cup 2025 Stage 1?

- Ans**
- ☒ 1. Jyothi Surekha Vennam and Abhishek Verma
 - ☒ 2. Deepika Kumari and Atanu Das
 - ☒ 3. Rishabh Yadav and Ankita Bhakat
 - ☒ 4. Jyothi Surekha Vennam and Rishabh Yadav

Q.97 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Letter	L	M	E	P	A	U	X
Code	7	\$	@	9	2	%	6

Conditions:

- If the 1st letter is a vowel and the last letter is a consonant, their codes are to be interchanged.
- If the 2nd letter is a vowel and the last letter is a consonant, both are to be coded as 'W'.
- If the 3rd and 4th letters are consonants, both are to be coded as the code for the 3rd letter.
- If the 1st and 2nd letters are vowels, then both are to be coded as 'Q'.

What will be the code for the following group?

APUXR



- Ans**
- ☒ 1. 4 9 % 6 2
 - ☒ 2. 2 9 % 6 2
 - ☒ 3. 2 9 % 6 4
 - ☒ 4. Q 9 % 6 Q

Q.98 How much of OECD sovereign debt is set to mature by 2027, according to the Global Debt Report 2025?

- Ans**
- ☒ 1. 55%
 - ☒ 2. 50%
 - ☒ 3. 45%
 - ☒ 4. 65%

Q.99 If α and β are the roots of the quadratic equation $y^2 - 9y + 8 = 0$, then



- Ans**
- ☒ 1. 4
 - ☒ 2. 1
 - ☒ 3. 3
 - ☒ 4. 2

Q.100 If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then the resultant of which of the following would be 77?

- Ans**
- ☒ 1. 42 D 6 A 38 B 18 C 6
 - ☒ 2. 42 C 6 B 38 A 18 D 6
 - ☒ 3. 42 B 6 C 38 D 18 A 6
 - ☒ 4. 42 A 6 D 38 C 18 B 6



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०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	iON Digital Zone iDZ 3 Wadi MIDC Techgessor Soft Solutions Pvt. Ltd. Nagpur
Test Date	10/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

- Options shown in green color with a tick icon are correct.
- Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 AB is parallel to CD. A transversal PQ intersects AB and CD at E and F, respectively, and $\angle PEB = 42^\circ$. G is a point between AB and CD such that $\angle BEG = 21^\circ$ and $\angle GFE = 34^\circ$. What is the measure of $\angle EGF$?

- Ans**
- ☒ 1. 24°
 - ☒ 2. 29°
 - ☐ 3. 20°
 - ☐ 4. 33°

Q.2 Find the simple interest (in ₹) if a sum of ₹350 is borrowed for 2.5 years at 4% per annum rate of interest.

- Ans**
- ☐ 1. 85
 - ☒ 2. 35
 - ☐ 3. 135
 - ☐ 4. 15

Q.3 What is the significance of the NVS-02 satellite launched in 2025?

- Ans**
- ☐ 1. It will conduct scientific experiments in space.
 - ☒ 2. It will enhance India's regional navigation capabilities.
 - ☐ 3. It will provide communication services to rural areas.
 - ☐ 4. It will provide weather forecasting services.

Q.4 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

KN33 JM41 IL49 HK57 ?

- Ans**
- ☐ 1. GI65
 - ☒ 2. GJ65
 - ☐ 3. GJ66
 - ☐ 4. GI66

Q.5 The average weight (in kg) of a family of five members whose weights are 40 kg, 49 kg, 56 kg, 63 kg and 37 kg is:

- Ans**
- ☒ 1. 49
 - ☐ 2. 51
 - ☐ 3. 50
 - ☐ 4. 48

Q.6 The area of a square is 2304 cm^2 . Its perimeter is equal to the perimet



- Ans
- ☒ 1. $1536\sqrt{3}$
 - ☐ 2. 1510
 - ☐ 3. $1582\sqrt{3}$
 - ☐ 4. 1494

Q.7 A boat takes 83 minutes to go 33.2 km upstream. The ratio of the speed of the boat in still water to that of the stream is 8 : 5. How much total time (in hours) will the boat take to go 47.1 km upstream and 55.9 km downstream?

- Ans
- ☐ 1. 6.8
 - ☒ 2. 2.5
 - ☐ 3. 3.5
 - ☐ 4. 1.5

Q.8 What is the mean of the following distribution?

Marks	19	31	54	69	95
No. of Students	22	35	64	34	57

- Ans
- ☐ 1. 82
 - ☐ 2. 63
 - ☒ 3. 60
 - ☐ 4. 49

Q.9 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(32, 47, 15)

(56, 81, 25)

- Ans
- ☐ 1. (17, 72, 14)
 - ☐ 2. (29, 84, 10)
 - ☐ 3. (18, 65, 11)
 - ☒ 4. (92, 110, 18)

Q.10 Which of the following numbers is divisible by both 27 and 19?

- Ans
- ☐ 1. 33488
 - ☐ 2. 34962
 - ☒ 3. 34371
 - ☐ 4. 35691

Q.11 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) © 2 © # * 6 € 4 5 3 € 1 1 € 6 7 # 7 4 £ 6 € (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a number?

- Ans
- ☐ 1. 3
 - ☐ 2. 2
 - ☒ 3. 1
 - ☐ 4. 0

Q.12 The ratio of incomes of Seema and Darshan is 4 : 3. They save ₹15,000 and ₹9,000, respectively. If the ratio of their expenditures is 16 : 17, then what is the total expenditure (in ₹) of Seema and Darshan?

- Ans
- ☐ 1. 16,000
 - ☐ 2. 15,000
 - ☒ 3. 14,850
 - ☐ 4. 13,000

Q.13 If $10 : A :: A : 40$, find the positive value of A.

- Ans
- ☐ 1. 18
 - ☐ 2. 23
 - ☐ 3. 21
 - ☒ 4. 20

Q.14 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

Some nuts are black.

All black are crows.

All crows are pens.

Conclusions:

(I) All nuts are black.

(II) Some black are crows.

- Ans
- ☐ 1. Both conclusions (I) and (II) follow.
 - ☐ 2. Only conclusion (I) follows.
 - ☐ 3. Neither conclusion (I) nor (II) follows.
 - ☒ 4. Only conclusion (II) follows.

Q.15 Town M is to the north of Town N. Town N is to the east of Town O. Town O is to the west of Town P. Town P is to the south of Town Q. Town M is to the south-west of Town Q. What is the position of Town N with respect to Town P?

- Ans
- ☒ 1. West
 - ☐ 2. East
 - ☐ 3. South
 - ☐ 4. North

Q.16 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

- Ans**
- ☐ 1. PQ - NO
 - ☐ 2. KL - IJ
 - ☐ 3. GH - EF
 - ☒ 4. MH - IP

Q.17 According to the forest department and WWF-India, which tiger reserve recorded a rise in the population of greater one-horned rhinos, with the number climbing from 46 in 2023 to 51 in 2025?

- Ans**
- ☐ 1. Panna National Park
 - ☐ 2. Kanha National Park
 - ☐ 3. Similipal National Park
 - ☒ 4. Dudhwa National Park

Q.18 This question is based on the five, three-digit numbers given below.

(Left) 219 539 568 670 131 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right)

What will be the resultant if the second digit of the highest number is subtracted from the second digit of the lowest number?

- Ans**
- ☐ 1. -1
 - ☐ 2. -5
 - ☒ 3. -4
 - ☐ 4. -3

Q.19 Due to decrease in manpower, the production in a factory decreases by 10%. By what percentage should the working hours be increased to restore the original production?

- Ans**
- ☐ 1. $8\frac{1}{3}\%$
 - ☐ 2. 10%
 - ☐ 3. $16\frac{2}{3}\%$
 - ☒ 4. $11\frac{1}{9}\%$

Q.20 Which statistical indicator is used to measure the depth of poverty by accounting for the extent to which individuals fall below the poverty line?

- Ans**
- ☐ 1. Headcount Ratio
 - ☐ 2. Dependency Ratio
 - ☒ 3. Poverty Gap Index
 - ☐ 4. Gini Coefficient

Q.21 The British used education as a tool to _____.

- Ans**
- ☐ 1. support women empowerment
 - ☒ 2. strengthen colonial rule
 - ☐ 3. expand Indian trade
 - ☐ 4. reform Indian society

Q.22 Udyami Bharat, MUDRA Yojana, Emergency Credit Line Guarantee Scheme, SFURTI and RAMP schemes are associated with the development of which sector?

- Ans**
- ☐ 1. Iron and steel industries
 - ☐ 2. Mining sector
 - ☐ 3. Drugs and pharmaceuticals industry
 - ☒ 4. Micro, small, medium enterprises

Q.23 In which year did Francois Martin establish Pondicherry, which later emerged as the Headquarters of the French in India?

- Ans**
- ☒ 1. 1674
 - ☐ 2. 1794
 - ☐ 3. 1762
 - ☐ 4. 1612

Q.24 Who was the head of the Kayastha community?

- Ans**
- ☐ 1. Prathamakulika
 - ☐ 2. Pustapala
 - ☒ 3. Prathamakayastha
 - ☐ 4. Uparika

Q.25 The average of nine numbers is 17. The average of seven of these numbers is 17. The average of the remaining two numbers is:

- Ans**
- ☐ 1. 19
 - ☐ 2. 16
 - ☐ 3. 18
 - ☒ 4. 17

Q.26 The area of the base of a right circular cone is $3136\pi\text{ cm}^2$ and its slant height is 65 cm. The curved surface area of the cone (in cm^2) is:

- Ans**
- ☒ 1. 3640π
 - ☐ 2. 3065π
 - ☐ 3. 3460π
 - ☐ 4. 3500π

Q.27 What is the approximate total length of the Northern Plains (from West to East)?

- Ans**
- ☒ 1. 2,400 km
 - ☐ 2. 2,000 km
 - ☐ 3. 1,500 km
 - ☐ 4. 1,200 km

Q.28 In a certain code language, 'HUNT' is coded as '3517' and 'TIME' is coded as '2458'. What is the code for 'T' in the given code language?

- Ans**
- ☐ 1. 7
 - ☒ 2. 5
 - ☐ 3. 2
 - ☐ 4. 8

Q.29 In March 2025, which national day or week emphasised industrial workplace safety?

- Ans**
- ☐ 1. Bharat Suraksha Week
 - ☐ 2. Industrial Safety Day
 - ☐ 3. Safety and Labour Day
 - ☒ 4. National Safety Week

Q.30 When working with text wrapping around an image in MS Word, which 'Layout Option' provides the most flexibility in precisely positioning the image relative to the text and other elements, ignoring the text flow?

- Ans**
- ☐ 1. Square
 - ☒ 2. Behind Text or In Front of Text
 - ☐ 3. Tight
 - ☐ 4. Through

Q.31 The marked price of a bed is ₹568, which is 26% above the cost price. If the profit percentage is 13%. Find the discount percentage (rounded off to two decimal places).

- Ans**
- ☐ 1. 10.93%
 - ☐ 2. 8.98%
 - ☒ 3. 10.32%
 - ☐ 4. 13.33%

Q.32 In January 2025, who was honoured with the Maharaja Hari Singh Award for administrative reforms in Jammu and Kashmir?

- Ans**
- ☐ 1. Rajnath Singh
 - ☒ 2. Manoj Sinha
 - ☐ 3. Satya Pal Malik
 - ☐ 4. Girish Chandra Murmu

Q.33 Which of the following is the highest point of the Satpura Range?

- Ans**
- ☐ 1. Anai Mudi
 - ☐ 2. Mount Abu
 - ☐ 3. Parasnath
 - ☒ 4. Dhupgarh

Q.34 To which regional language's literature did Girish Karnad contribute most through his works?

- Ans**
- ☐ 1. Tamil
 - ☒ 2. Kannada
 - ☐ 3. Telugu
 - ☐ 4. Malayalam

Q.35 If + means -, - means ×, × means ÷, and ÷ means +, what will come in place of the question mark (?) in the following equation?

$$20 - 4 \div 7 + 12 \times 4 = ?$$

- Ans**
- ☒ 1. 84
 - ☐ 2. 75
 - ☐ 3. 80
 - ☐ 4. 90

Q.36 By how much did urban infrastructure investments increase from Fiscal Year 2019 to Fiscal Year 2023?

- Ans**
- ☐ 1. 3%
 - ☐ 2. 5%
 - ☐ 3. 8%
 - ☒ 4. 10%

Q.37 Eight people, A, B, C, D, E, F, G and H, are sitting in a straight line facing south. B is sitting at one of the ends of the line. G is sitting to the immediate left of C. A is sitting to the immediate left of H and immediate right of C. Only 3 people are sitting to the right of E. D is sitting to the immediate left of B. Who is sitting to the immediate left of D?

- Ans**
- ☒ 1. H
 - ☒ 2. F
 - ☒ 3. C
 - ☒ 4. E

Q.38 Find the value of m for which it satisfies $\left(\frac{11}{2}\right)^{12} \times \left(\frac{2}{11}\right)^2 \times \left(\frac{11}{2}\right)^{16} =$

- Ans**
- ☒ 1. $-\frac{37}{9}$
 - ☒ 2. $-\frac{38}{9}$
 - ☒ 3. $-\frac{43}{9}$
 - ☒ 4. $-\frac{35}{9}$

Q.39 Seven boxes, A, B, C, D, E, F and G, are kept one above the other but not necessarily in the same order. Only B is kept above G. Only C is kept between G and E. Only A is kept below D. How many boxes are kept below E?

- Ans**
- ☒ 1. 4
 - ☒ 2. 3
 - ☒ 3. 2
 - ☒ 4. 1

Q.40 By selling an article for ₹112, a man loses 25%. At what price (in ₹) should he sell it to gain 50%?

- Ans**
- ☒ 1. 224
 - ☒ 2. 244
 - ☒ 3. 234
 - ☒ 4. 214

Q.41 The population of a village was 1,00,000. It increased by 5% in the first year and increased by 20% in the second year. Its population after two years is ____.

- Ans**
- ☒ 1. 1,25,000
 - ☒ 2. 1,20,000
 - ☒ 3. 1,26,000
 - ☒ 4. 1,05,000

Q.42 When 1272, 2636 and 4209 are divided by the greatest number x, the remainder in each case is y. What is the value of (3x - 14y)?

- Ans**
- ☒ 1. -60
 - ☒ 2. -65
 - ☒ 3. -63
 - ☒ 4. -61

Q.43 If a transversal line intersects a pair of two parallel lines, then each pair of corresponding angles are:

- Ans** ☒ 1. equal
☒ 2. unequal
☒ 3. supplementary
☒ 4. complementary

Q.44 According to Global Debt Report 2025, what is the projected sovereign bond issuance in OECD countries for 2025?

- Ans** ☒ 1. \$17 trillion
☒ 2. \$13 trillion
☒ 3. \$10 trillion
☒ 4. \$15 trillion

Q.45 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	6	@	8	5	\$	&	3	%	#	7	+	9	4	2
Code	F	G	H	N	L	K	C	Q	Z	P	R	B	U	E

Conditions:

If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.

If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.

If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?

5 3 + 4

- Ans** ☒ 1. N C R U
☒ 2. © C R ©
☒ 3. U C R N
☒ 4. N R C U

Q.46 If 'P' stands for '+', 'Q' stands for '×', 'R' stands for '+' and 'S' stands for '-', then the resultant of which of the following would be 182?

- Ans** ☒ 1. 96 R 16 Q 112 P 48 S 6
☒ 2. 96 P 16 S 112 R 48 Q 6
☒ 3. 96 Q 16 R 112 S 48 P 6
☒ 4. 96 S 16 P 112 Q 48 R 6

Q.47 If you move text using 'Cut and Paste', where does the text go before being pasted in MS Office?

- Ans** ☒ 1. To the Recycle Bin
☒ 2. Stored in a temporary document
☒ 3. Disappears permanently until pasted
☒ 4. To the Clipboard

Q.48 Two pipes can fill a cistern, individually, in 44 min and 84 min, respectively. There is a pipe located at the bottom of the cistern to empty it. If all the three pipes are opened simultaneously, then the empty cistern gets filled in 28 min. How long will the pipe at the bottom of the cistern take to empty the completely filled cistern if no other pipe is then open?

- Ans**
- ☐ 1. 920 min
 - ☐ 2. 921 min
 - ☐ 3. 916 min
 - ☒ 4. 924 min

Q.49 What is a major drawback of the parliamentary system in terms of governance stability?

- Ans**
- ☐ 1. The judiciary frequently overrules executive decisions.
 - ☐ 2. Elections are held only once every decade.
 - ☒ 3. Governments may collapse due to no-confidence motions or coalition disputes.
 - ☐ 4. The President can dismiss the Prime Minister at any time.

Q.50 The Singh Sabha movement is associated with which community?

- Ans**
- ☐ 1. Parsi
 - ☐ 2. Muslim
 - ☒ 3. Sikh
 - ☐ 4. Hindu

Q.51 EUQF is related to BPNA in a certain way based on the English alphabetical order. In the same way, YKKV is related to VFHQ. To which of the given options is SAEL related, following the same logic?

- Ans**
- ☒ 1. PVBG
 - ☐ 2. QWCH
 - ☐ 3. QUVH
 - ☐ 4. OVAG

Q.52 Which of the following is the correct way to add a new slide in an MS-PowerPoint 2019 presentation?

- Ans**
- ☐ 1. Press Alt + F4
 - ☒ 2. Go to the Home tab → Click New Slide
 - ☐ 3. Press Ctrl + N
 - ☐ 4. Right-click the slide → Select Copy

Q.53 In a certain code language,
A + B means 'A is the mother of B',
A – B means 'A is the brother of B',
A × B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

How is M related to Q if 'M – N + O × P ÷ Q'?

- Ans**
- ☐ 1. Father's father
 - ☐ 2. Mother's father
 - ☐ 3. Father's brother
 - ☒ 4. Mother's mother's brother

Q.54 Each of the digits in the number 6954381 is arranged in the descending order from left to right. Which of the following digits will be third from the right?

- Ans**
- ☐ 1. 6
 - ☐ 2. 3
 - ☐ 3. 5
 - ☒ 4. 4

Q.55 Simplify: $\frac{93}{28} \times (70 + 42) + 82$

- Ans**
- ☒ 1. 454
 - ☐ 2. 459
 - ☐ 3. 464
 - ☐ 4. 458

Q.56 A can do a piece of work in 63 hours, B and C together can do it in 42 hours, while A and C together can do it in 27 hours. How long (in hours) will B alone take to do it?

- Ans**
- ☐ 1. 379
 - ☒ 2. 378
 - ☐ 3. 377
 - ☐ 4. 380

Q.57 If 3 times the brother's present age is 25 years more than 5 times her sister's age, and 5 times the sister's age is 5 years less than the brother's age, then what is the difference (in years) between the present ages of the brother and the sister?

- Ans**
- ☐ 1. 10
 - ☐ 2. 8
 - ☐ 3. 12
 - ☒ 4. 9

Q.58 Who among the following was the President of the Board of Control at the time of Charter renewal in 1793 in India?

- Ans**
- ☒ 1. Henry Dundas
 - ☐ 2. William Grenville
 - ☐ 3. George Legge
 - ☐ 4. Thomas Townshend

Q.59 TK 14 is related to YH 5 in a certain way. In the same way, MN 5 is related to RK -4. To which of the given options is SV 0 related, following the same logic?

- Ans**
- ☐ 1. XT -11
 - ☒ 2. XS -9
 - ☐ 3. PR -13
 - ☐ 4. WV -7

Q.60 Who discovered the Maski Ashoka Inscription?

- Ans**
- ☒ 1. C Beadon
 - ☐ 2. James Prinsep
 - ☐ 3. Christian Lassen
 - ☐ 4. Lord Canning

Q.61 In the Harappan civilisation,cire perdue or lost wax process was used to make statue of which material?

- Ans**
- ☐ 1. Stone
 - ☒ 2. Bronze
 - ☐ 3. Gold
 - ☐ 4. Terracotta

Q.62 The Bhagirathi and Alaknanda join to form the Ganga at _____.

- Ans**
- ☒ 1. Devprayag
 - ☐ 2. Haridwar
 - ☐ 3. Rudraprayag
 - ☐ 4. Rishikesh

Q.63 Which of the following statements about the Exercise KHANJAR-XII, conducted in March 2025 is/are correct?

1. The exercise was held in the Ladakh region.
2. The exercise was focused on Counter Terrorism and Special Forces operations.
3. The exercise involved troops from The Parachute Regiment (Special Forces) of India and Kyrgyz Scorpion Brigade.

- Ans**
- ☐ 1. Only 1 and 3
 - ☐ 2. 1, 2 and 3
 - ☒ 3. Only 2 and 3
 - ☐ 4. Only 2

Q.64 Which of the following forests are predominantly found in areas receiving annual rainfall between 100 cm and 200 cm in India?

- Ans**
- ☐ 1. Tropical evergreen forests
 - ☐ 2. Alpine forests
 - ☒ 3. Tropical deciduous forests
 - ☐ 4. Thorn forests

Q.65 If $\cos\alpha = \frac{3}{5}$ and $\cos\beta = \frac{15}{17}$, then find the value of $\sin(\alpha + \beta)$.

- Ans**
- ☐ 1. $\frac{15}{85}$
 - ☐ 2. $\frac{36}{85}$
 - ☐ 3. $\frac{77}{85}$
 - ☒ 4. $\frac{84}{85}$

Q.66 The median of the observations 71, 95, 67, 55, 78, 45, 58, 44, 69, 41 and 88 is:

- Ans**
- ☐ 1. 69
 - ☒ 2. 67
 - ☐ 3. 55
 - ☐ 4. 58

Q.67 Seven people, I, J, K, L, O, P and Q are sitting in a row, facing north. Only two people sit between Q and O. Only I sits to the right of P. Only one person sits between O and P. K sits at some place to the right of L but at some place to the left of J. How many people sit between J and L?

- Ans**
- ☒ 1. Two
 - ☐ 2. Three
 - ☐ 3. Four
 - ☐ 4. One

Q.68 Which function key can be used with Alt to close the current application in Windows applications?

- Ans**
- ☐ 1. F1
 - ☐ 2. F10
 - ☒ 3. F4
 - ☐ 4. F6

Q.69 Which two leaders co-chaired the AI Action Summit in Paris in February 2025?

- Ans**
- ☐ 1. Rishi Sunak and Narendra Modi
 - ☒ 2. Emmanuel Macron and Narendra Modi
 - ☐ 3. Joe Biden and Emmanuel Macron
 - ☐ 4. Olaf Scholz and Xi Jinping

Q.70 On selling a bed at ₹8,845, the value of gain is 25% more than the value of loss incurred on selling it at ₹1,987. In order to gain 20%, find the selling price (in ₹).

- Ans**
- ☐ 1. 6,043
 - ☒ 2. 6,042
 - ☐ 3. 6,044
 - ☐ 4. 6,039

Q.71 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

EBY XUR QNK JGD ?

- Ans**
- ☒ 1. CZW
 - ☐ 2. WCZ
 - ☐ 3. WZC
 - ☐ 4. CWZ

Q.72 What should come in place of the question mark (?) in the given series?

301 300 297 292 285 ?

- Ans**
- ☐ 1. 273
 - ☐ 2. 275
 - ☐ 3. 277
 - ☒ 4. 276

Q.73 Which of these ports is located on the Western Coastal Plain?

- Ans**
- ☐ 1. Chennai
 - ☐ 2. Paradip
 - ☒ 3. Cochin
 - ☐ 4. Visakhapatnam

Q.74 According to the induced-fit model of enzyme action, substrate binding _____.

- Ans**
- ☐ 1. leads to immediate release of the substrate without transformation
 - ☒ 2. induces a conformational change that optimises the active site for catalysis
 - ☐ 3. occurs without any change to the enzyme's active site
 - ☐ 4. inhibits the enzyme by permanently altering its structure

Q.75 Select the number from among the given options that can replace the question mark (?) in the following series.

22 25.1 28.2 31.3 ? 37.5

- Ans**
- ☐ 1. 32.4
 - ☒ 2. 34.4
 - ☐ 3. 33.5
 - ☐ 4. 34.1

Q.76 Vimal ranked 19th from the top and 24th from the bottom in his class. How many students are there in his class?

- Ans**
- ☒ 1. 42
 - ☐ 2. 43
 - ☐ 3. 41
 - ☐ 4. 40

Q.77 Oil and fat containing food items are flushed with nitrogen because it:

- Ans**
- ☐ 1. Enhances the flavour of the product
 - ☐ 2. Removes hydrogen from the packaging
 - ☐ 3. Adds nutritional value to the product
 - ☒ 4. Removes oxygen from the packaging

Q.78 Which Article of the Constitution of India prohibits Indian citizens from accepting any title from a foreign state?

- Ans**
- ☐ 1. Article 15
 - ☒ 2. Article 18
 - ☐ 3. Article 16
 - ☐ 4. Article 17

Q.79 Write the expanded form of $(7a + 6b + 4c)^2$.

- Ans**
- ☐ 1. $49a^2 + 36b^2 + 16c^2 + 84ab + 43bc + 56ac$
 - ☐ 2. $49a^2 + 36b^2 + 16c^2 + 88ab + 48bc + 56ac$
 - ☐ 3. $49a^2 + 36b^2 + 16c^2 + 84ab + 48bc + 66ac$
 - ☒ 4. $49a^2 + 36b^2 + 16c^2 + 84ab + 48bc + 56ac$

Q.80 Which of the following acts provided a regular code of all regulations that could be enacted for the internal Government of British India?

- Ans**
- ☐ 1. Charter Act of 1813
 - ☐ 2. Charter Act of 1793
 - ☐ 3. Regulating Act 1773
 - ☒ 4. Pitt's India Act 1784

Q.81 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: IFL :: KHN : %

- Ans**
- ☐ 1. # = LPG, % = NUY
 - ☐ 2. # = CJS, % = KJI
 - ☐ 3. # = KHY, % = NHU
 - ☒ 4. # = DAG, % = PMS

Q.82 When x is added to each of 29, 31, 7 and 8, then the numbers so obtained, in this order, are in proportion. Then, if $5x : y :: y : (2x-3)$, and $y > 0$, what is the value of y?

- Ans**
- ☐ 1. 56
 - ☐ 2. 35
 - ☒ 3. 45
 - ☐ 4. 29

Q.83 Mr. Q starts from Point Z and drives 7 km towards the north. He then takes a left turn, drives 9 km, turns right and drives 6 km. He then takes a left turn and drives 7 km. He takes a final left turn, drives 13 km and stops at Point A. How far (shortest distance) and towards which direction should he drive in order to reach Point Z again? (All turns are 90 degree turns only unless specified.)

- Ans**
- ☐ 1. 13 km towards the north
 - ☒ 2. 16 km towards the east
 - ☐ 3. 11 km towards the south
 - ☐ 4. 14 km towards the west

Q.84 What was the vote percentage and number of seats secured by the winning party in the 2024 Haryana Legislative Assembly elections?

- Ans**
- ☐ 1. 42.10% votes, 50 seats
 - ☐ 2. 44.85% votes, 52 seats
 - ☒ 3. 39.94% votes, 48 seats
 - ☐ 4. 36.49% votes, 48 seats

Q.85 How many naturally occurring elements did the periodic law originally reveal analogies among?

- Ans**
- ☐ 1. 91
 - ☐ 2. 96
 - ☒ 3. 94
 - ☐ 4. 89

Q.86 What percentage of India's population lives in urban areas according to the 2011 Census?

- Ans**
- ☒ 1. 31.16%
 - ☐ 2. 34.78%
 - ☐ 3. 33.50%
 - ☐ 4. 32.30%

Q.87 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$121 \div 6 + 384 \times 3 - 31 = ?$$

- Ans**
- ☒ 1. 629
 - ☐ 2. 626
 - ☐ 3. 623
 - ☐ 4. 621

Q.88 In the 2024 Supreme Court case 'Aligarh Muslim University vs Naresh Agarwal (November 2024)', what did the majority of the Court hold regarding the minority status of educational institutions?

- Ans**
- ☐ 1. An institution must be entirely managed by the minority community to qualify as a minority institution.
 - ☐ 2. The majority of the judges (4 out of 7 in opinion) of the bench concluded the Azeez Basha case and violated the AMU's minority status.
 - ☐ 3. Educational institutions established by statute cannot be considered minority institutions under Article 30(1).
 - ☒ 4. Institutions created before 1950 can still be considered minority institutions, even if incorporated by statute.

Q.89 What is the shortcut to open an MS PowerPoint file directly from the application?

- Ans**
- ☐ 1. Ctrl + S
 - ☒ 2. Ctrl + O
 - ☐ 3. Ctrl + N
 - ☐ 4. Ctrl + P

Q.90 Which country held a presidential runoff election on 13 April 2025, resulting in the re-election of President Daniel Noboa?

- Ans**
- ☐ 1. Colombia
 - ☐ 2. Peru
 - ☒ 3. Ecuador
 - ☐ 4. Bolivia

- Q.91** A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Letter	F	T	E	P	A	U	X	R
Code	7	\$	@	9	2	%	6	4

Conditions:

1. If the 1st letter is a vowel and the last letter is a consonant, their codes are to be interchanged.
2. If the 2nd letter is a vowel and the last letter is a consonant, both are to be coded as 'W'.
3. If the 3rd and 4th letters are consonants, both are to be coded as the code for the 3rd letter.
4. If the 1st and 2nd letters are vowels, then both are to be coded as 'Q'.

What will be the code for the following group?

TAEX

- Ans**
- ☒ 1. \$ 2 @ 6
 - ☒ 2. \$ @ @ 6
 - ☒ 3. \$ 2 2 6
 - ☒ 4. \$ W @ W

- Q.92** A man has to cover a distance of 222 km in 14 hours. If he covers two-thirds of the distance in 10 hours, then what should his speed (in km/hr) be to cover the remaining distance?

- Ans**
- ☒ 1. 3.75
 - ☒ 2. 12.3
 - ☒ 3. 21.3
 - ☒ 4. 9.25

- Q.93** DTUH is related to BQWK in a certain way based on the English alphabetical order. In the same way, ZNYN is related to XKAQ. To which of the given options is VHCT related, following the same logic?

- Ans**
- ☒ 1. SEDX
 - ☒ 2. TEEW
 - ☒ 3. SFEV
 - ☒ 4. UDFX

- Q.94** The difference between the simple interest and the compound interest, compounded annually, on a certain sum of money for 2 years at 10% per annum is ₹407. Find the sum [rounded off to the nearest integer].

- Ans**
- ☒ 1. ₹40,719
 - ☒ 2. ₹40,700
 - ☒ 3. ₹40,698
 - ☒ 4. ₹40,680

Q.95 Two quadratic equations, $2x^2 + 8x + 6 = 0$ and $kx^2 + 4kx + 3 = 0$, have both roots common. What is the value of k ?

- Ans**
- ☒ 1. 1
 - ☐ 2. 4
 - ☐ 3. 3
 - ☐ 4. 2

Q.96 In India, what are municipalities primarily responsible for?

- Ans**
- ☒ 1. Administration of small cities or towns
 - ☐ 2. Managing defense-related municipal activities
 - ☐ 3. Controlling all ports in India
 - ☐ 4. Conducting national elections

Q.97 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 7 & 3 Ω 4 6 @ 9 # 1 * £ 5 2 & % \$ 8 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by another symbol?

- Ans**
- ☐ 1. Four
 - ☐ 2. Three
 - ☒ 3. Two
 - ☐ 4. One

Q.98 M, N, O, P, Y and Z live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only two people live between N and P. Only two people live between Z and O. No one lives above Z. P lives below O but above Y. How many people lives below M?

- Ans**
- ☐ 1. One
 - ☐ 2. Four
 - ☒ 3. Three
 - ☐ 4. Two

Q.99 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. WX-ZA
 - ☐ 2. DE-GH
 - ☐ 3. QR-TU
 - ☒ 4. FG-HL

Q.100 According to February 2025 data, how many Khelo India Athletes were included in India's Paris 2024 Olympics contingent?

- Ans**
- ☐ 1. 35
 - ☐ 2. 38
 - ☐ 3. 31
 - ☒ 4. 28



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	Aadarsh Pariksha Kendra CENTER C - Gate No 2 - Noida Sector 64
Test Date	11/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 Simplify: $10 \times (5 - 9) + \left(\frac{123}{41}\right)$

- Ans
- ☒ 1. -34
 - ☒ 2. -35
 - ☒ 3. -37
 - ☒ 4. -31

Q.2 Who succeeded Ashoka to the throne?

- Ans
- ☒ 1. Dasharatha
 - ☒ 2. Chandragupta II
 - ☒ 3. Samprati
 - ☒ 4. Bindusara

Q.3 Saline and Alkaline soils are most commonly found in:

- Ans
- ☒ 1. the Deltas of Ganga and Godavari
 - ☒ 2. drought-prone areas
 - ☒ 3. the Deccan Plateau
 - ☒ 4. the Western Himalayas

Q.4 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$43 \div 13 - 648 \times 8 + 52 = ?$$

- Ans
- ☒ 1. 581
 - ☒ 2. 583
 - ☒ 3. 588
 - ☒ 4. 586

Q.5 Independent dance numbers such as Chali, Ramdani and Jhumura are associated with which of the following dance forms?

- Ans
- ☒ 1. Sattriya
 - ☒ 2. Bharatanatyam
 - ☒ 3. Manipuri
 - ☒ 4. Chhau

Q.6 How can a foreigner who has lived in India for 12 years acquire Indian citizenship?

- Ans**
- ☐ 1. By registration
 - ☐ 2. By birth
 - ☒ 3. By naturalisation
 - ☐ 4. By descent

Q.7 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. P has an exam on Friday. Only 2 people have an exam between P and S. U has an exam immediately before V, and Q has an exam immediately after T. Only 2 people have an exam between R and V. How many people have an exam before V?

- Ans**
- ☐ 1. 1
 - ☒ 2. 3
 - ☐ 3. 2
 - ☐ 4. 4

Q.8 The sum of 6 numbers is 300. Find their average.

- Ans**
- ☐ 1. 51
 - ☒ 2. 50
 - ☐ 3. 49
 - ☐ 4. 48

Q.9 Which of the following is NOT the use of baking soda in the kitchen?

- Ans**
- ☐ 1. As a leavening agent
 - ☐ 2. As an ingredient in antacids
 - ☒ 3. For food colouring
 - ☐ 4. In fire extinguishers

Q.10 Find the volume (in cm^3 , rounded off to two decimal places) of a hemispherical cap having a radius of 33.6 cm.

- Ans**
- ☒ 1. $25,288.70\pi$
 - ☐ 2. $25,287.05\pi$
 - ☐ 3. $25,297.58\pi$
 - ☐ 4. $25,293.28\pi$

Q.11 Simplify the following:

$$\frac{88}{9} \times (74 + 30) + 37$$

- Ans**
- ☐ 1. $\frac{4205}{9}$
 - ☐ 2. $\frac{3872}{9}$
 - ☐ 3. $\frac{2230}{9}$
 - ☒ 4. $\frac{9485}{9}$

Q.12 Which of the following is not a 'Sushira Vadya'?

- Ans
- ☐ 1. Shehnai
 - ☐ 2. Bansuri
 - ☒ 3. Sitar
 - ☐ 4. Pungi

Q.13 This question is based on the five, three-digit numbers given below.

(Left) 194 932 446 225 493 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is added to the second digit of the lowest number?

- Ans
- ☒ 1. 18
 - ☐ 2. 15
 - ☐ 3. 17
 - ☐ 4. 16

Q.14 The Palk Strait is an inlet of which of the following?

- Ans
- ☐ 1. Arabian Sea
 - ☐ 2. Persian Gulf
 - ☐ 3. Gulf of Khambhat
 - ☒ 4. Bay of Bengal

Q.15 Arjun marks the price of his article 50% more than its cost price. If he sells the article for ₹86,580 after allowing a discount of 26%, then what will be the cost price (in ₹) of the article?

- Ans
- ☐ 1. 77,999
 - ☐ 2. 78,002
 - ☒ 3. 78,000
 - ☐ 4. 78,003

Q.16 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

WOM CVS ICY OJE ?

- Ans
- ☐ 1. UKQ
 - ☐ 2. KQU
 - ☐ 3. KUQ
 - ☒ 4. UQK

Q.17 The least number which, when diminished by 9, is divisible by 13, 20, 10 and 23 is:

- Ans
- ☐ 1. 6035
 - ☒ 2. 5989
 - ☐ 3. 6010
 - ☐ 4. 6015

Q.18 Which country assumed the presidency of BRICS in January 2025?

- Ans
- ☐ 1. Russia
 - ☐ 2. China
 - ☐ 3. India
 - ☒ 4. Brazil

Q.19 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 8574162, what will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

- Ans**
- ☐ 1. 8
 - ☐ 2. 11
 - ☐ 3. 9
 - ☒ 4. 10

Q.20 Find the area of a sector with a central angle of 150° in a circle with a radius of 12 cm.

- Ans**
- ☐ 1. $72\pi \text{ cm}^2$
 - ☒ 2. $60\pi \text{ cm}^2$
 - ☐ 3. $55\pi \text{ cm}^2$
 - ☐ 4. $45\pi \text{ cm}^2$

Q.21 In the reaction: $2\text{H}_2 + \text{O}_2 \rightarrow 2\text{H}_2\text{O}$, if 5 moles of H_2 and 2 moles of O_2 are mixed, the limiting reagent is:

- Ans**
- ☐ 1. H_2
 - ☐ 2. H_2O
 - ☒ 3. O_2
 - ☐ 4. CO_2

Q.22 The intense rainfall on the western side of the Western Ghats is due to which type of rainfall mechanism?

- Ans**
- ☐ 1. Frontal
 - ☐ 2. Convectional
 - ☐ 3. Cyclonic
 - ☒ 4. Orographic

Q.23 A bank offers 7.8% compound interest per annum calculated on a half-yearly basis. A customer deposits ₹9,920 each on 1 January and 1 July of a year. At the end of the year, the amount he would have gained by way of interest is ____ (give your answer correct to 2 decimal places).

- Ans**
- ☐ 1. ₹1,185.69
 - ☐ 2. ₹1,183.37
 - ☒ 3. ₹1,175.73
 - ☐ 4. ₹1,174.16

Q.24 The simplified value of $\frac{(31^{10} \times 2^{15} \times 84^6)}{(31^9 \times 2^{14} \times 84^5)}$ is:

- Ans**
- ☐ 1. 5217
 - ☒ 2. 5208
 - ☐ 3. 5213
 - ☐ 4. 5209

Q.25 In February 2025, which day was celebrated to honour the Nightingale of India, Sarojini Naidu?

- Ans**
- ☐ 1. National Women Leaders Day
 - ☐ 2. National Women's Freedom Day
 - ☐ 3. National Women Writers Day
 - ☒ 4. National Women's Day

Q.26 What is the maximum score possible for project design evaluation in the application form process of the Deen Dayal Upadhyaya Grameen Kaushalya Yojana (DDU-GKY)?

- Ans**
- ☐ 1. 1300
 - ☒ 2. 1400
 - ☐ 3. 1200
 - ☐ 4. 1000

Q.27 Q starts from Point P and drives 2 km towards the south. He then takes a right turn, drives 3 km, turns right and drives 11 km. He then takes a right turn and drives 4 km, turns left and drives 3 km. He then takes a right turn and drives 2 km. He takes a final right turn, drives 12 km and stops at Point O. How far (shortest distance) and towards which direction should he drive in order to reach Point P again? (All turns are 90 degree turns only unless specified.)

- Ans**
- ☐ 1. 5 km towards the south
 - ☐ 2. 3 km towards the east
 - ☐ 3. 7 km towards the north
 - ☒ 4. 3 km towards the west

Q.28 In which of the following cases did the court restrict the Parliament from curtailing any Fundamental Right?

- Ans**
- ☐ 1. Golaknath vs State of Punjab
 - ☐ 2. Indira Gandhi vs Raj Narayan
 - ☒ 3. Kesavananda Bharati vs State of Kerala
 - ☐ 4. A K Gopalan vs State of Madras

Q.29 A man spends 12% of his monthly salary on house rent. If every month, he also spends ₹407 on conveyance and ₹8,657 on grocery and saves the remaining ₹924, his monthly salary is:

- Ans**
- ☒ 1. ₹11,350
 - ☐ 2. ₹11,449
 - ☐ 3. ₹11,377
 - ☐ 4. ₹11,413

Q.30 Town C is to the west of Town D. Town E is to the east of Town C. Town F is to the north of Town D. Town G is to the north of Town E. Town G is to the north-west of Town D. What is the position of Town E with respect to Town D?

- Ans**
- ☐ 1. South
 - ☒ 2. West
 - ☐ 3. North
 - ☐ 4. East

Q.31 Train A running at a speed of 72 km/hr takes 24 seconds to completely cross train B running at 63 km/hr in the opposite direction. The length of train B is 1.5 times the length of train A. Train B crosses a bridge completely in 62 seconds. The length of the bridge (in m) is:

- Ans**
- ☐ 1. 433
 - ☐ 2. 445
 - ☐ 3. 626
 - ☒ 4. 545

Q.32 Who among the following was awarded with the MS Swaminathan Environment Protection Award 2024?

- Ans**
- ☐ 1. Alok Shukla
 - ☐ 2. Vinod Ganatra
 - ☐ 3. Arun Bansal
 - ☒ 4. Anant Darshan Shankar

Q.33 What is the mode of the following data?

41, 55, 45, 48, 40, 47, 41, 47, 54, 44, 49, 48, 53, 54, 50, 53, 41, 46

- Ans**
- ☐ 1. 45
 - ☒ 2. 41
 - ☐ 3. 55
 - ☐ 4. 48

Q.34 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

NJ-QM-TV
QM-TP-WY

- Ans**
- ☒ 1. LH-OK-RT
 - ☐ 2. MH-OK-RU
 - ☐ 3. MH-PK-RU
 - ☐ 4. LH-OK-RU

Q.35 How long (in years) will it take for ₹1,440 to become ₹2,700 at a rate of 10% per annum simple interest?

- Ans**
- ☐ 1. 9.75
 - ☐ 2. 10.75
 - ☒ 3. 8.75
 - ☐ 4. 7.75

Q.36 A can complete a piece of work in 18 days and B can complete it in 22 days. If they work on alternate days, starting with B on the first day, then in how many days will the work be finished?

- Ans**
- ☐ 1. $19\frac{2}{9}$
 - ☐ 2. $18\frac{9}{11}$
 - ☐ 3. $18\frac{2}{9}$
 - ☒ 4. $19\frac{9}{11}$

Q.37 Which of the following statements accurately describes the behavior of continuing numbering from a previous list when inserting a new numbered list within the same document in MS Word?

- Ans**
- ☐ 1. Continuing numbering is only possible if both lists use the exact same numbering style and level.
 - ☐ 2. MS Word automatically restarts the numbering from 1 for the new list, and there is no direct way to continue the previous sequence.
 - ☐ 3. MS Word automatically continues the numbering sequence from the previous list by default.
 - ☒ 4. MS Word provides an option upon creating the new list to 'Continue from previous list', which needs to be explicitly selected.

Q.38 Which leader collaborated with Mahatma Gandhi during the Kheda Satyagraha in 1918?

- Ans**
- ☐ 1. Raj Kumar Shukla
 - ☐ 2. Lala Lajpat Rai
 - ☐ 3. Subhas Chandra Bose
 - ☒ 4. Sardar Vallabhbhai Patel

Q.39 In most Unix-based operating systems, which command is used to create an empty file if the file does not already exist?

- Ans**
- ☐ 1. mkfile
 - ☐ 2. mkdir
 - ☐ 3. cp
 - ☒ 4. touch

Q.40 A trader lost 5% by selling a shirt for ₹950. He will gain $x\%$ by selling it for ₹1,350. The value of x is:

- Ans**
- ☒ 1. 35
 - ☐ 2. 50
 - ☐ 3. 25
 - ☐ 4. 45

Q.41 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. AT-FM
 - ☐ 2. GZ-LS
 - ☒ 3. YR-EK
 - ☐ 4. MF-RY

Q.42 Each of C, D, E, F, S, T and U has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. S has the exam on Thursday and T has the exam on Saturday. F has the exam immediately before U. C has the exam on one of the days after E. D has the exam immediately after U. Who has the exam on the last day of the week?

- Ans**
- ☐ 1. E
 - ☐ 2. T
 - ☐ 3. D
 - ☒ 4. C

Q.43 Find the value of $(K^2 - 5)$, if the quadratic equation $2x^2 - 8x + K = 0$ has

- Ans**
- ☐ 1. 65
 - ☒ 2. 59
 - ☐ 3. 48
 - ☐ 4. 51

Q.44 This question is based on the five, three-digit numbers given below.

(Left) 740 636 787 884 316 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the third digit of the lowest number?

- Ans**
- ☒ 1. 17
 - ☒ 2. 14
 - ☒ 3. 15
 - ☒ 4. 13

Q.45 Samantha Bansil's novel, set in precolonial Philippines, is titled:

- Ans**
- ☒ 1. The Pearl Diver
 - ☒ 2. Black Salt Queen
 - ☒ 3. The Bamboo Sword
 - ☒ 4. Island of the Lost

Q.46 In May 2025, Jenu Kuruba families reoccupied their ancestral land in which of the following tiger reserves of India?

- Ans**
- ☒ 1. Sariska National Park
 - ☒ 2. Hemis National Park
 - ☒ 3. Manas National Park
 - ☒ 4. Nagarahole Tiger Reserve

Q.47 PH 14 is related to SD 30 in a certain way. In the same way, JI 18 is related to ME 34. To which of the given options is MU 6 related, following the same logic?

- Ans**
- ☒ 1. NH 33
 - ☒ 2. IV 20
 - ☒ 3. HL 31
 - ☒ 4. PQ 22

Q.48 What is the primary objective of the 'Trinetra' project, developed by IIT Tirupati?

- Ans**
- ☒ 1. To establish a national cybersecurity task force
 - ☒ 2. To implement AI-driven surveillance systems in schools
 - ☒ 3. To develop a mobile game promoting cybersecurity awareness
 - ☒ 4. To create a cybersecurity curriculum for university students

Q.49 Which Harappan site shows evidence of ploughed fields?

- Ans**
- ☒ 1. Kalibangan
 - ☒ 2. Dholavira
 - ☒ 3. Mohenjo-daro
 - ☒ 4. Lothal

Q.50 In the 2024 Global Innovation Index, which organisation ranked India 39th among 133 global economies, highlighting its leadership in the Central and Southern Asian region?

- Ans**
- ☒ 1. World Intellectual Property Organization
 - ☒ 2. World Bank
 - ☒ 3. International Monetary Fund
 - ☒ 4. World Economic Forum

Q.51 Which of the following national parks is recognised as the world's only floating national park?

- Ans**
- ☐ 1. Gulf of Mannar Marine National Park
 - ☐ 2. Sundarbans National Park
 - ☒ 3. Keibul Lamjao National Park
 - ☐ 4. Bhitarkanika National Park

Q.52 In glycolysis, which enzyme catalyses the rate-limiting phosphorylation of fructose-6-phosphate?

- Ans**
- ☐ 1. Pyruvate kinase
 - ☐ 2. Hexokinase
 - ☒ 3. Phosphofructokinase-1 (PFK-1)
 - ☐ 4. Glyceraldehyde-3-phosphate dehydrogenase

Q.53 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

MR25, NS33, OT41, PU49, ?

- Ans**
- ☐ 1. QV58
 - ☐ 2. QU57
 - ☐ 3. QU58
 - ☒ 4. QV57

Q.54 Who holds the position of President of the International Criminal Court (as of April 2025)?

- Ans**
- ☒ 1. Judge Tomoko Akane
 - ☐ 2. Judge Silvia Fernández de Gurmendi
 - ☐ 3. Judge Piotr Hofmański
 - ☐ 4. Judge Karim AA Khan

Q.55 Two numbers are respectively 46% and 54% more than a third number. The ratio of the two numbers is:

- Ans**
- ☐ 1. 67 : 86
 - ☐ 2. 83 : 75
 - ☒ 3. 73 : 77
 - ☐ 4. 69 : 68

Q.56 Which keyboard shortcut opens File Explorer in Windows 11 OS to navigate and create files/folders?

- Ans**
- ☒ 1. Windows Key + E
 - ☐ 2. Ctrl + E
 - ☐ 3. Alt + Tab
 - ☐ 4. Ctrl + Shift + N

Q.57 As per the Union Budget 2025-26, what is the total number of Gram Panchayats in India?

- Ans**
- ☒ 1. 2.68 lakh
 - ☐ 2. 2.00 lakh
 - ☐ 3. 3.97 lakh
 - ☐ 4. 1.65 lakh

Q.58 Which navigation satellite did India launch in January 2025 to enhance its NavIC system?

- Ans**
- ☐ 1. GSAT-10
 - ☐ 2. NVS-01
 - ☐ 3. IRNSS-1G
 - ☒ 4. NVS-02

Q.59 If 'W' stands for '+', 'X' stands for '×', 'Y' stands for '+' and 'Z' stands for '-', then the resultant of which of the following would be 94?

- Ans**
- ☐ 1. 48 Z 8 W 56 X 24 Y 6
 - ☒ 2. 48 W 8 Z 56 Y 24 X 6
 - ☐ 3. 48 Y 8 X 56 W 24 Z 6
 - ☐ 4. 48 X 8 Y 56 Z 24 W 6

Q.60 What does setting a Page Break in MS Excel 365 allow you to control?

- Ans**
- ☐ 1. Where headers appear on each page
 - ☐ 2. The maximum size of printable margins
 - ☒ 3. Where the worksheet splits across printed pages
 - ☐ 4. Whether formulas are recalculated before printing

Q.61 Daksh travels 445 km at 89 km/hr, the next 495 km at 55 km/hr and the next 250 km at 50 km/hr. What is his average speed (in km/hr) for the whole journey? (Corrected to two decimal places)

- Ans**
- ☒ 1. 62.63
 - ☐ 2. 61.14
 - ☐ 3. 57.21
 - ☐ 4. 66.77

Q.62 The Reserve Bank of India has its offices in how many locations in India, as of April 2025?

- Ans**
- ☐ 1. 30 locations
 - ☐ 2. 28 locations
 - ☐ 3. 34 locations
 - ☒ 4. 33 locations

Q.63 A person who spends 80% of his monthly income is able to save ₹6,738 per month. His monthly expenses (in ₹) are:

- Ans**
- ☐ 1. 26,925
 - ☐ 2. 26,876
 - ☒ 3. 26,952
 - ☐ 4. 26,921

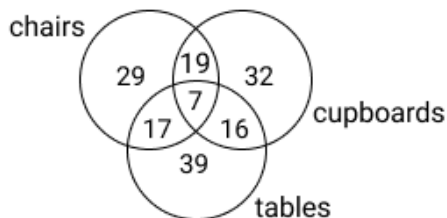
Q.64 M, N, O, P, Y and Z live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only two people live between O and Z. Only two people live between N and M. Only one person lives between P and M. P lives on floor numbered 1. O lives above M. How many people live below Y?

- Ans**
- ☐ 1. Two
 - ☐ 2. One
 - ☒ 3. Three
 - ☐ 4. Four

Q.65 The Capital Adequacy Ratio, sometimes seen in news, is related to which of the following?

- Ans**
- ☐ 1. Trade operations
 - ☒ 2. Banking operations
 - ☐ 3. External borrowing of states
 - ☐ 4. Government budgeting

Q.66 Study the given Venn diagram carefully and answer the question that follows.



The numbers in different sections indicate the number of pieces of furniture. How many chairs are there which are also cupboards but not tables?

- Ans**
- ☐ 1. 7
 - ☐ 2. 17
 - ☒ 3. 19
 - ☐ 4. 29

Q.67 If $14 : A :: A : 56$, find the positive value of A.

- Ans**
- ☐ 1. 29
 - ☒ 2. 28
 - ☐ 3. 26
 - ☐ 4. 31

Q.68 Priya bought 45 kg of apples and mangoes for ₹1,240. The prices of apples and mangoes were ₹25/kg and ₹30/kg, respectively. How much money did she spend on mangoes separately?

- Ans**
- ☐ 1. ₹650
 - ☐ 2. ₹700
 - ☒ 3. ₹690
 - ☐ 4. ₹676

Q.69 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
 13 - 15 - 30 - 60 ; 3 - 5 - 10 - 20

- Ans**
- ☐ 1. 5 - 7 - 14 - 24
 - ☐ 2. 10 - 12 - 24 - 42
 - ☐ 3. 15 - 17 - 34 - 44
 - ☒ 4. 8 - 10 - 20 - 40

Q.70 What should come in place of the question mark (?) in the given series?

992 990 986 980 972 ?

- Ans** ☒ 1. 962
☐ 2. 958
☐ 3. 959
☐ 4. 961

Q.71 If 1 is added to each even digit and 1 is subtracted from each odd digit in the number 8629475, what will be the sum of the highest and lowest digits in the new number thus formed?

- Ans** ☒ 1. 12
☐ 2. 14
☐ 3. 6
☐ 4. 16

Q.72 Which of the following companies assisted the Raja of Cochin in expelling the Portuguese from his kingdom in 1663?

- Ans** ☒ 1. Dutch East India Company
☐ 2. British East India Company
☐ 3. French East India Company
☐ 4. Spanish East India Company

Q.73 What should come in place of the question mark (?) in the given series?

51 87 121 153 183 211 ?

- Ans** ☐ 1. 253
☒ 2. 237
☐ 3. 249
☐ 4. 241

Q.74 One important outcome of British social reforms was ____.

- Ans** ☒ 1. emergence of women in public life
☐ 2. spread of religious fundamentalism
☐ 3. decline in education
☐ 4. increase in caste rigidity

Q.75 In a certain code language, 'GSTA' is coded as '51' and 'XMBJ' is coded as '53'. What is the code for 'YDOM' in the given language?

- Ans** ☐ 1. 58
☒ 2. 61
☐ 3. 60
☐ 4. 55

Q.76 Why does the parliamentary system prevent executive despotism?

- Ans** ☐ 1. Because the Prime Minister has unlimited power
☒ 2. Because executive authority is dispersed among a group of ministers accountable to the Parliament
☐ 3. Because the military can intervene in governance
☐ 4. Because the judiciary can override executive decisions without checks

Q.77 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ✓ 1. GJ-JP
 - ✗ 2. UX-YB
 - ✗ 3. YB-CF
 - ✗ 4. PS-TW

Q.78 Which of the following is NOT one of the components of the Panchayati Raj institutions in India at the village level?

- Ans**
- ✗ 1. Gram Panchayat
 - ✗ 2. Nyaya Panchayat
 - ✗ 3. Gram Sabha
 - ✓ 4. Panchayat Samiti

Q.79 MBKF is related to OGMK in a certain way based on the English alphabetical order. In the same way, QLOP is related to SQQU. To which of the given options is UVSZ related, following the same logic?

- Ans**
- ✗ 1. XZVF
 - ✓ 2. WAUE
 - ✗ 3. VBUD
 - ✗ 4. WBTD

Q.80 A shopkeeper marks the price of an article at ₹3,930. Find the cost price if after allowing a discount of 40% he still gains 20% on the cost price.

- Ans**
- ✗ 1. ₹1,981
 - ✓ 2. ₹1,965
 - ✗ 3. ₹1,899
 - ✗ 4. ₹1,989

Q.81 If the mode of a data exceeds its mean by 12.6, then the mode exceeds the median by ____.
(Use empirical formula.)

- Ans**
- ✗ 1. 18.2
 - ✗ 2. 15.9
 - ✓ 3. 8.4
 - ✗ 4. 17.6

Q.82 Which of the following agricultural practices is called Ponam in Kerala and Podu in Odisha?

- Ans**
- ✗ 1. Commercial farming
 - ✗ 2. Subsistence farming
 - ✗ 3. Plantation farming
 - ✓ 4. Shifting cultivation

Q.83 The value of $(\sec\theta - \tan\theta)^2 (1 + \sin\theta)^2 + \cos^2\theta$ is

- Ans**
- ✗ 1. -2
 - ✗ 2. 0
 - ✓ 3. 1
 - ✗ 4. 2

Q.84 In a certain code language, 'FAST' is coded as '2468' and 'SLOW' is coded as '1327'. What is the code for 'S' in the given code language?

- Ans**
- ☐ 1. 6
 - ☐ 2. 1
 - ☒ 3. 2
 - ☐ 4. 7

Q.85 In a certain code language,
'A + B' means 'A is the sister of B'
'A - B' means 'A is the brother of B'
'A × B' means 'A is the wife of B'
'A ÷ B' means 'A is the father of B'

Based on the above, how is M related to Q if 'M × N - O ÷ P + Q'?

- Ans**
- ☐ 1. Mother's Brother's Wife
 - ☐ 2. Mother's Brother's Daughter
 - ☒ 3. Father's Brother's Wife
 - ☐ 4. Father's Brother's Daughter

Q.86 Seven people, I, J, K, L, O, P and Q are sitting in a row, facing north. Only two people sit to the left of P. Only three people sit between P and I. Only one person sits between I and O. Q sits to the immediate left of K. J is not an immediate neighbour of I. How many people sit to the right of L?

- Ans**
- ☐ 1. Two
 - ☐ 2. Three
 - ☐ 3. Four
 - ☒ 4. One

Q.87 A, B, C, D, R, S and T are sitting around a circular table facing the centre of the table. Only four people sit between B and D when counted from the right of B. B sits third to the left of C. T sits third to the left of R. S is an immediate neighbour of both D and C. How many people sit between A and S when counted from the right of A?

- Ans**
- ☐ 1. Four
 - ☐ 2. One
 - ☐ 3. Three
 - ☒ 4. Two

Q.88 Which of the options below is equivalent to $216x^3 + 27y^3 + 324x^2y + 162xy^2$?

- Ans**
- ☐ 1. $(3x + 6y)^3$
 - ☐ 2. $(8x + 3y)^3$
 - ☒ 3. $(6x + 3y)^3$
 - ☐ 4. $(6x + 6y)^3$

Q.89 What significant achievement did Mohun Bagan Super Giant accomplish by winning the ISL 2024-25 title?

- Ans**
- ☐ 1. They won the title with a 100% win rate at home.
 - ☒ 2. They became the second team to win both the ISL League Shield and ISL Cup in the same season.
 - ☐ 3. They won the title without losing a single match.
 - ☐ 4. They became the first team to win the ISL title twice.

Q.90 The average of 9 numbers is 17. The average of 7 of these numbers is 16. The average of the remaining two numbers is:

- Ans
- ☐ 1. 22.5
 - ☐ 2. 19.5
 - ☒ 3. 20.5
 - ☐ 4. 21.5

Q.91 Which of the following best describes the underlying data structure that forms the basis of an electronic spreadsheet like MS Excel?

- Ans
- ☐ 1. Relational database model with interconnected tables and fields
 - ☒ 2. A two-dimensional grid composed of rows and columns intersecting to form cells
 - ☐ 3. A hierarchical tree structure organizing data into nodes and branches
 - ☐ 4. A linear sequence of data entries, similar to a text document

Q.92 POR is the diameter of a circle. PQ and RQ are its two chords. The length of arc $\widehat{RQ}$. Find the measure of $\angle POQ$.

- Ans
- ☐ 1. 30°
 - ☐ 2. 90°
 - ☒ 3. 60°
 - ☐ 4. 120°

Q.93 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: ONJ :: VUQ : %

- Ans
- ☐ 1. # = RYM, % = PRN
 - ☐ 2. # = UIM, % = STN
 - ☒ 3. # = RQM, % = SRN
 - ☐ 4. # = RIO, % = ASN

Q.94 What was the percentage distribution of persons in the age group 15-59 years (both rural and urban) who did NOT receive vocational/technical training, as per PLFS 2021-22?

- Ans
- ☐ 1. 75%
 - ☐ 2. 60%
 - ☐ 3. 70%
 - ☒ 4. 80.5%

Q.95 The curved surface area of a cylinder is half of its total surface area. If its height is 102 cm, then find its radius (in cm).

- Ans
- ☐ 1. 100
 - ☐ 2. 108
 - ☐ 3. 103
 - ☒ 4. 102

Q.96 This question is based on the five, three-digit numbers given below.

(Left) 205 712 237 862 578 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is added to the first digit of the lowest number?

- Ans**
- ☒ 1. 3
 - ☒ 2. 4
 - ☒ 3. 7
 - ☒ 4. 5

Q.97 In March 2025, India successfully tested a high-energy laser-directed weapon system, becoming the fourth nation globally to achieve this feat. Which countries had previously developed such systems?

- Ans**
- ☒ 1. Russia, Israel and Germany
 - ☒ 2. China, Japan and South Korea
 - ☒ 3. The US, The UK and France
 - ☒ 4. The US, Russia and China

Q.98 One pipe can fill the tank in 18 minutes while another pipe can empty the completely filled tank in 19 minutes. If both the pipes are operated together on empty tank, how long (in minutes) will it take to fill one-third of the tank?

- Ans**
- ☒ 1. 228
 - ☒ 2. 114
 - ☒ 3. 342
 - ☒ 4. 456

Q.99 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Letter	Z	T	E	P	A	U	X
Code	8	\$	@	9	2	%	6

Conditions:

1. If the 1st letter is a vowel and the last letter is a consonant, their codes are to be interchanged.
2. If the 2nd letter is a vowel and the last letter is a consonant, both are to be coded as 'W'.
3. If the 3rd and 4th letters are consonants, both are to be coded as the code for the 3rd letter.
4. If the 1st and 2nd letters are vowels, then both are to be coded as 'Q'.

What will be the code for the following group?

AUTEA

- Ans**
- ☒ 1. 2 Q \$ @ 2
 - ☒ 2. Q Q \$ @ 2
 - ☒ 3. 2 % \$ @ 2
 - ☒ 4. 2 W \$ @ 2

Q.100 The salaries of X, Y, and Z are in the ratio 10 : 20 : 20. If the increments of 82%, 50%, and 19% are allowed respectively in their salaries, what will be the new ratio of their salaries?

- Ans**
- ☐ 1. 92 : 154 : 120
 - ☐ 2. 88 : 151 : 123
 - ☐ 3. 90 : 153 : 126
 - ☒ 4. 91 : 150 : 119



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	iON Digital Zone iDZ LB Nagar
Test Date	11/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 Which of the following tree species is an example of deciduous vegetation in India?

- Ans**
- ☒ 1. Sal
 - ☐ 2. Babool
 - ☐ 3. Bamboo
 - ☐ 4. Deodar

Q.2 What was the sex ratio in India as per the 2011 Census data?

- Ans**
- ☐ 1. 940 females per 1000 males
 - ☐ 2. 950 females per 1000 males
 - ☒ 3. 943 females per 1000 males
 - ☐ 4. 948 females per 1000 males

Q.3 Which of the following statements is true about the Permanent Lok Adalat under Section 22-B of The Legal Services Authorities Act, 1987?

- Ans**
- ☐ 1. The Permanent Lok Adalat can only act as a conciliator and cannot decide disputes.
 - ☐ 2. The award of the Permanent Lok Adalat is not binding on the parties.
 - ☒ 3. The Permanent Lok Adalat can handle cases up to a certain monetary limit (currently ₹1 crore).
 - ☐ 4. The Permanent Lok Adalat has jurisdiction over disputes related to criminal offences.

Q.4 Walking at $\frac{5}{7}$ of his normal speed, Manish is 20 minutes late in reaching

The usual time taken by him to cover the distance between his home :



- Ans**
- ☐ 1. 49 minutes
 - ☐ 2. 42 minutes
 - ☐ 3. 56 minutes
 - ☒ 4. 50 minutes

Q.5 Singphos' Rebellion is associated with which region of present day India?

- Ans**
- ☒ 1. Assam
 - ☐ 2. Manipur
 - ☐ 3. Arunachal Pradesh
 - ☐ 4. Tripura

Q.6 A hollow spherical shell is made of a metal of density 21 g/cm^3 . Its internal and external radii are 8 cm and 9 cm, respectively. What is the weight (in kg) of the shell?

(Use $\pi = \frac{22}{7}$, Density = $\frac{\text{Mass}}{\text{Volume}}$)

- Ans**
- ☒ 1. 19.096
 - ☐ 2. 21.03
 - ☐ 3. 16.096
 - ☐ 4. 20.34

Q.7 In a certain code language,
'A + B' means 'A is the mother of B',
'A - B' means 'A is the brother of B',
'A × B' means 'A is the wife of B' and
'A ÷ B' means 'A is the father of B'.

Based on the above, how is M related to Q if 'M - N ÷ O + P × Q'?

- Ans**
- ☒ 1. Wife's Mother's Father's Brother
 - ☐ 2. Wife's Father's Brother
 - ☐ 3. Wife's Mother's Father
 - ☐ 4. Wife's Father's Father

Q.8 A trader lost 5% by selling a shirt for ₹950. He will gain x% by selling it for ₹1,360. The value of x is:

- Ans**
- ☐ 1. 26
 - ☐ 2. 46
 - ☐ 3. 51
 - ☒ 4. 36

Q.9 In February 2025, the Broadcast Services Regulation Bill, 2023 was introduced in the Parliament. What is a key provision under this draft legislation?

- Ans**
- ☐ 1. Transfer of all broadcasting regulation powers to state governments
 - ☐ 2. Mandatory pre-censorship of digital news content
 - ☐ 3. Ban on airing foreign content between 7 p.m. and 10 p.m.
 - ☒ 4. Unified regulation of cable, satellite and OTT platforms

Q.10 Which seasonal change marks the withdrawal of monsoon in India?

- Ans**
- ☐ 1. Rise in daytime temperature
 - ☒ 2. Southward shift of ITCZ
 - ☐ 3. Return of polar jet
 - ☐ 4. Onset of monsoon

Q.11 After allowing a discount of 80%, the value of an oven is ₹5,180. If no discount is allowed, then the shopkeeper gains 48%. Find the cost price (in ₹) of the oven.

- Ans**
- ☐ 1. 17,501
 - ☐ 2. 17,503
 - ☐ 3. 17,502
 - ☒ 4. 17,500

Q.12 35 is related to 70 following a certain logic. Following the same logic, 24 is related to 48. To which of the following is 11 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☐ 1. 20
 - ☐ 2. 21
 - ☐ 3. 23
 - ☒ 4. 22

Q.13 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$151 \div 3 + 168 \times 8 - 145 = ?$$

- Ans**
- ☐ 1. 567
 - ☒ 2. 577
 - ☐ 3. 547
 - ☐ 4. 557

Q.14 In February 2025, what was the protein isoform '1N4R tau' identified by the University of Cologne being explored for?

- Ans**
- ☐ 1. Curing sickle cell anemia
 - ☒ 2. Treating Alzheimer's disease
 - ☐ 3. Managing chronic kidney disorders
 - ☐ 4. Preventing insulin resistance

Q.15 In a certain code language, 'LATE' is coded as '8054' and 'TEAM' is coded as '4087'. What is the code for 'M' in the given code language?

- Ans**
- ☐ 1. 0
 - ☐ 2. 4
 - ☒ 3. 7
 - ☐ 4. 8

Q.16 C, O, U, N, T, and Y live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. Only two people live above C. Only two people live between C and T. Only N lives between C and U. Y lives immediately below C. Who lives on the floor, numbered 2?

- Ans**
- ☐ 1. T
 - ☐ 2. N
 - ☐ 3. U
 - ☒ 4. O

Q.17 Given that $146^{0.93} = x$, $146^{0.22} = y$ and $x^z = y^7$, then the value of z is close to:

- Ans**
- ☐ 1. 5.05
 - ☐ 2. 3.6
 - ☐ 3. 2.61
 - ☒ 4. 1.66

Q.18 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans
- ☐ 1. MNQ
 - ☒ 2. LKP
 - ☐ 3. EFI
 - ☐ 4. QRU

Q.19 Which of the following rivers flows through Rajasthan?

- Ans
- ☐ 1. Jhelum
 - ☐ 2. Tapi
 - ☒ 3. Luni
 - ☐ 4. Teesta

Q.20 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans
- ☐ 1. NK-LI
 - ☐ 2. YV-WT
 - ☐ 3. TQ-RO
 - ☒ 4. KH-HH

Q.21 What was the unknown element under aluminium called?

- Ans
- ☒ 1. Eka-Aluminium
 - ☐ 2. Meta-Aluminium
 - ☐ 3. Proto-Aluminium
 - ☐ 4. Neo-Aluminium

Q.22 The quadratic equation $2x^2 + 4x + 8 = 0$ has:

- Ans
- ☒ 1. no real roots
 - ☐ 2. more than 2 real roots
 - ☐ 3. two equal real roots
 - ☐ 4. two distinct real roots

Q.23 According to the Periodic Labour Force Survey (PLFS) report, what was the Labour Force Participation Rate (LFPR) for women in 2021-22?

- Ans
- ☐ 1. 42.7%
 - ☐ 2. 14.8%
 - ☐ 3. 23.5%
 - ☒ 4. 32.8%

Q.24 In this question, a group of numbers is coded by using letters and symbols as per the table given below and the conditions which follow.

Number	7	8	2	3	4	5	6
Code	Z	Q	#	@	%	\$	U

Conditions:

1. If the 1st and 2nd digits are even, both are to be coded as 'A'.
2. If the 1st and last digits are odd, both are to be coded as the code for the 1st digit.
3. If the 3rd and 4th digits are even, their codes are to be interchanged.

What is the correct combination of codes (by following only the applicable condition(s)) for the given digits?

48719



- Ans
- ☐ 1. % Q Z J S
 - ☒ 2. A A Z J S
 - ☐ 3. % % Z J S
 - ☐ 4. Q Q Z J S

Q.25 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 3816427, how many digits will appear more than once in the new number thus formed?

- Ans
- ☐ 1. One
 - ☐ 2. Four
 - ☐ 3. Three
 - ☒ 4. Two

Q.26 As per the SDG India Index 2023-24, what was the estimated percentage of reduction in the population living in multidimensional poverty between 2015-16 and 2019-21?

- Ans
- ☐ 1. From 30% to 20%
 - ☐ 2. From 15% to 10%
 - ☒ 3. From 24.8% to 14.96%
 - ☐ 4. From 20% to 12%

Q.27 What is the mode of the following data?
77, 86, 89, 74, 69, 84, 87, 80, 60, 64, 79, 63, 83, 82, 81, 89, 80, 69, 73, 74, 87, 68, 74, 77, 67, 74

- Ans
- ☐ 1. 77
 - ☐ 2. 89
 - ☐ 3. 86
 - ☒ 4. 74

Q.28 Which of the following is not a 'Ghana Vadya'?

- Ans
- ☐ 1. Manjira
 - ☐ 2. Khartal
 - ☒ 3. Mridangam
 - ☐ 4. Jaltarang

Q.29 What should come in place of the question mark (?) in the given series?

402 400 396 390 382 ?

- Ans
- ☐ 1. 370
 - ☐ 2. 376
 - ☐ 3. 374
 - ☒ 4. 372

Q.30 Two positive numbers differ by 2858. When the greater number is divided by the smaller number, the quotient is 5 and the remainder is 178. What is the HCF of the greater of the two given numbers and 3828?

- Ans
- ☐ 1. 13
 - ☒ 2. 12
 - ☐ 3. 17
 - ☐ 4. 11

Q.31 The population of a village was 1,10,000. It increased by 5% in the first year and increased by 25% in the second year. Its population after two years is _____.

- Ans
- ☐ 1. 1,37,500
 - ☒ 2. 1,44,375
 - ☐ 3. 1,43,000
 - ☐ 4. 1,15,500

Q.32 T travelled 576 km, 630 km and 315 km at the speeds of 16 km/hr, 7 km/hr and 9 km/hr, respectively. Find his average speed in km/hr.

- Ans
- ☒ 1. $9\frac{72}{161}$
 - ☐ 2. $10\frac{70}{161}$
 - ☐ 3. $9\frac{73}{161}$
 - ☐ 4. $10\frac{78}{161}$

Q.33 What is the central theme of the first five anthologies (Kuruntokai, Narrinai, Akananuru, Ainkurunuru, and Kalittokai) of the Ettuttokai in the Sangam literature?

- Ans
- ☐ 1. Puram
 - ☐ 2. Religion
 - ☐ 3. Philosophy
 - ☒ 4. Akam

Q.34 A can finish a work in 2 days and B can do the same work in 52 days. B worked alone for 26 days and left the job. In how many days can A alone finish the remaining work?

- Ans
- ☒ 1. 1
 - ☐ 2. 4
 - ☐ 3. 3
 - ☐ 4. 2

Q.35 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

Some water is pink.
All pink are buildings.
All buildings are tall.

Conclusions:

(I) Some pink is water.

(II) Some buildings are pink.

- Ans**
- ☐ 1. Neither conclusion (I) nor (II) follows.
 - ☒ 2. Both conclusions (I) and (II) follow.
 - ☐ 3. Only conclusion (II) follows.
 - ☐ 4. Only conclusion (I) follows.

Q.36 The volume of a right circular cone is 1078 cm^3 . Find the total surface area of the cone if its height is 21 cm. (Use $\pi = 22/7$)

- Ans**
- ☐ 1. $154\sqrt{10} \text{ cm}^2$
 - ☒ 2. $154(1 + \sqrt{10}) \text{ cm}^2$
 - ☐ 3. 154 cm^2
 - ☐ 4. $22(7 + \sqrt{10}) \text{ cm}^2$

Q.37 Town P is to the east of Town Q. Town Q is to the south of Town R. Town R is to the east of Town S. Town S is to the west of Town T. Town P is to the south-west of Town T. What is the position of Town R with respect to Town T?

- Ans**
- ☒ 1. West
 - ☐ 2. East
 - ☐ 3. South
 - ☐ 4. North

Q.38 Which keyboard shortcut is used to make the selected text bold in MS Word 365?

- Ans**
- ☐ 1. Ctrl + I
 - ☒ 2. Ctrl + B
 - ☐ 3. Ctrl + U
 - ☐ 4. Ctrl + D

Q.39 The Maski Ashoka Inscription is situated in which state of India?

- Ans**
- ☐ 1. Andhra Pradesh
 - ☐ 2. Bihar
 - ☒ 3. Karnataka
 - ☐ 4. Odisha

Q.40 Akshay has ₹1,218 with him. He divided it amongst his sons Arjun and Kartik and asked them to invest it at 10% rate of interest per annum, compounded annually. It was seen that Arjun and Kartik got the same amount after 12 and 13 years, respectively. How much amount (in ₹) did Akshay give to Kartik?

- Ans**
- ☐ 1. ₹738
 - ☐ 2. ₹430
 - ☐ 3. ₹638
 - ☒ 4. ₹580

Q.41 Who among the following has been appointed as the Private Secretary to the Prime Minister Narendra Modi in March 2025?

- Ans**
- ☐ 1. Ajay Bhadoo
 - ☒ 2. Nidhi Tewari
 - ☐ 3. Anju Rathi
 - ☐ 4. Amitabh Kant

Q.42 P is a point outside a circle and is 17 cm away from its centre. A secant drawn from the point P intersects the circle at points A and B in such a way that $PA = 8$ cm and $AB = 7$ cm, where $PB > PA$. The radius of the circle is:

- Ans**
- ☐ 1. 14 cm
 - ☒ 2. 13 cm
 - ☐ 3. 15 cm
 - ☐ 4. 12 cm

Q.43 What should come in place of the question mark (?) in the given series?

99 92 105 98 111 104 ? 110

- Ans**
- ☐ 1. 92
 - ☐ 2. 97
 - ☒ 3. 117
 - ☐ 4. 125

Q.44 "Swadesh Sevak Home" is related to which of the following national freedom initiatives?

- Ans**
- ☒ 1. Ghadar Movement
 - ☐ 2. Home Rule Movement
 - ☐ 3. Swadeshi Movement
 - ☐ 4. Non-Cooperation Movement

Q.45 Mr. T starts from Point D and drives 3 km towards the east. He then takes a right turn, drives 7 km, turns right and drives 6 km. He then takes a right turn and drives 4 km, and then turns right and drives 3 km. He takes a final left turn, drives 1 km and stops at Point H. How far (shortest distance) and towards which direction should he drive in order to reach Point D again? (All turns are 90 degree turns only unless specified.)

- Ans**
- ☒ 1. 2 km towards the north
 - ☐ 2. 7 km towards the west
 - ☐ 3. 5 km towards the east
 - ☐ 4. 2 km towards the south

Q.46 A, B, C, D, R, S and T are sitting around a circular table facing the centre of the table. B sits fourth to the right of R. Only two people sit between T and D when counted from the left of T. A sits third to the left of C. S is an immediate neighbour of C and D. How many people sit between B and S when counted from the left of S?

- Ans**
- ☐ 1. One
 - ☒ 2. Four
 - ☐ 3. Two
 - ☐ 4. Three

Q.47 In November 2024, NITI Aayog launched the 'Accelerating Sustainable State Energy Transition (ASSET)' initiative. What is the primary objective of this initiative?

- Ans**
- ☒ 1. To promote electric vehicle adoption in urban areas
 - ☒ 2. To support states in achieving their renewable energy targets
 - ☒ 3. To develop nuclear energy infrastructure across states
 - ☒ 4. To enhance energy efficiency in industrial sectors

Q.48 Which of the following statements regarding the Supreme Court's interim order in the Ranveer Allahbadia case (February 2025) is/are correct?

The Supreme Court granted interim protection to Allahbadia but harshly criticised his remarks as obscene and vulgar.

The Court ruled that Allahbadia was free to travel abroad without any restrictions since the remarks were made behind a paywall.

- Ans**
- ☒ 1. Only 1
 - ☒ 2. Both 1 and 2
 - ☒ 3. Neither 1 nor 2
 - ☒ 4. Only 2

Q.49 Which of the following ratios is the greatest?

- Ans**
- ☒ 1. 33 : 51
 - ☒ 2. 26 : 59
 - ☒ 3. 32 : 86
 - ☒ 4. 37 : 64

Q.50 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$56 + 41 \div 12054 - 123 \times 891 = ?$$

- Ans**
- ☒ 1. 3089
 - ☒ 2. 811
 - ☒ 3. 1557
 - ☒ 4. 1307

Q.51 The mean proportional between $(18 + 8\sqrt{2})$ and $(15 - 2\sqrt{2})$ is:

- Ans**
- ☒ 1. $\sqrt{238 + 110\sqrt{2}}$
 - ☒ 2. $\sqrt{238 + 84\sqrt{2}}$
 - ☒ 3. $\sqrt{238 + 36\sqrt{2}}$
 - ☒ 4. $\sqrt{238 + 120\sqrt{2}}$

Q.52 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

ZYB GFI NMP UTW ?

- Ans**
- ☒ 1. ABD
 - ☒ 2. ADB
 - ☒ 3. BDA
 - ☒ 4. BAD

Q.53 Seven boxes, D, E, F, G, S, T and U, are kept one over the other but not necessarily in the same order. Only two boxes are kept between T and E. Only S is kept above G. No box is kept below E. D is kept at some place below F but at some place above U. Which box is kept third above U?

- Ans** ☒ 1. F
☐ 2. T
☐ 3. D
☐ 4. G

Q.54 Which of the following statements about Small Causes Courts is correct?

- Ans** ☐ 1. They deal exclusively with criminal cases of a minor nature.
☐ 2. They can hear appeals from Nyaya Panchayats.
☒ 3. Their decisions are final but subject to High Court's revision.
☐ 4. They exist in all states under a uniform nomenclature.

Q.55 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

EK19, GM28, IO37, KQ46, ?

- Ans** ☐ 1. MR56
☐ 2. MS56
☒ 3. MS55
☐ 4. MR55

Q.56 Who among the following is appointed as the President of the upcoming COP30 Summit?

- Ans** ☐ 1. Marina Silva
☒ 2. André Aranha Corrêa do Lago
☐ 3. Jair Bolsonaro
☐ 4. Luiz Inácio Lula da Silva

Q.57 A shopkeeper marks the price of an article at ₹5,960. Find the cost price if after allowing a discount of 9% he still gains 30% on the cost price.

- Ans** ☒ 1. ₹4,172
☐ 2. ₹4,154
☐ 3. ₹4,142
☐ 4. ₹4,277

Q.58 Which Indian state shares its border with Bhutan and Bangladesh?

- Ans** ☐ 1. Sikkim
☐ 2. Mizoram
☒ 3. Assam
☐ 4. Meghalaya

Q.59 Who was appointed the new Director General of the International Solar Alliance (ISA) in November 2024?

- Ans** ☐ 1. RK Singh
☐ 2. Ajay Mathur
☐ 3. Upendra Tripathy
☒ 4. Ashish Khanna

Q.60 Which is NOT an advantage of a Lok Adalat?

- Ans**
- ☐ 1. No court fees
 - ☐ 2. Binding decisions
 - ☒ 3. Right to appeal
 - ☐ 4. Speedy resolution

Q.61 According to the United Nations Convention on the Law of the Sea (UNCLOS), India's Exclusive Economic Zone (EEZ) extends upto _____.

- Ans**
- ☐ 1. 400 nautical miles
 - ☐ 2. 300 nautical miles
 - ☒ 3. 200 nautical miles
 - ☐ 4. 500 nautical miles

Q.62 The sum of the age of A and 4 times the age of B is 34 years. When 3 times the age of A is added to 7 times the age of B, the result is 97 years. The sum of the ages (in years) of A and B is:

- Ans**
- ☐ 1. 33
 - ☒ 2. 31
 - ☐ 3. 30
 - ☐ 4. 28

Q.63 Which of the following numbers is divisible by both 6 and 31?

- Ans**
- ☒ 1. 3720
 - ☐ 2. 2858
 - ☐ 3. 2132
 - ☐ 4. 4916

Q.64 The product of two consecutive positive integers is 960. If the smaller of these two integers is represented by x, which of the options below will correspond to the equation for finding the value of x?

- Ans**
- ☐ 1. $x^2 + x + 960 = 0$
 - ☐ 2. $x^2 - x - 960 = 0$
 - ☒ 3. $x^2 + x - 960 = 0$
 - ☐ 4. $x^2 - x + 960 = 0$

Q.65 In acidic medium, the balanced redox reaction for $\text{MnO}_4^- + \text{Fe}^{2+} \rightarrow \text{Mn}^{2+} + \text{Fe}^{3+}$ is:

- Ans**
- ☐ 1. $\text{MnO}_4^- + \text{Fe}^{2+} \rightarrow \text{MnO}_2 + \text{Fe}^{3+}$
 - ☐ 2. $\text{MnO}_4^- + 3\text{Fe}^{2+} + 2\text{H}^+ \rightarrow \text{MnO}_2 + \text{Fe}^{3+} + \text{H}_2\text{O}$
 - ☐ 3. $\text{MnO}_4^- + 2\text{Fe}^{2+} + \text{H}_2\text{O} \rightarrow \text{Mn}^{2+} + \text{Fe}^{3+}$
 - ☒ 4. $\text{MnO}_4^- + 5\text{Fe}^{2+} + 8\text{H}^+ \rightarrow \text{Mn}^{2+} + 5\text{Fe}^{3+} + 4\text{H}_2\text{O}$

Q.66 P, Q, R, S, T, U and V are sitting around a circular table facing the centre. Only two people sit between T and Q when counted from the left of Q. U sits third to the left of S. P sits to the immediate right of S. P sits second to the left of T. V is an immediate neighbour of U. How many people sit between Q and R when counted from the left of R?

- Ans**
- ☐ 1. 3
 - ☐ 2. 4
 - ☐ 3. 1
 - ☒ 4. 2

Q.67 This question is based on the five, three-digit numbers given below.

(Left) 144 743 290 258 799 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is subtracted from the third digit of the lowest number?

- Ans
- ☐ 1. -6
 - ☐ 2. -2
 - ☐ 3. -4
 - ☒ 4. -5

Q.68 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: NHO :: SMT : %

- Ans
- ☐ 1. # = PJO, % = QKR
 - ☐ 2. # = PJQ, % = QKS
 - ☐ 3. # = PJQ, % = QLR
 - ☒ 4. # = PJQ, % = QKR

Q.69 In quadrilateral PQRS, $\angle P$, $\angle Q$, $\angle R$ and $\angle S$ taken in order are in t
Which type of quadrilateral is PQRS?

- Ans
- ☐ 1. Kite
 - ☐ 2. Square
 - ☐ 3. Rhombus
 - ☒ 4. Trapezium

Q.70 VBDP is related to ZWHK in a certain way based on the English alphabetical order. In the same way, DRLF is related to HMPA. To which of the following is LHTV related, following the same logic?

- Ans
- ☒ 1. PCXQ
 - ☐ 2. QBYR
 - ☐ 3. OCWR
 - ☐ 4. QDYP

Q.71 From a point 15 m away from the base of a tree, the angle of elevation to the top is 45° . What is the height of the tree?

- Ans
- ☒ 1. 15 m
 - ☐ 2. 18 m
 - ☐ 3. 12 m
 - ☐ 4. 10 m

Q.72 Which output device is specifically designed to produce high-quality printed graphics and text?

- Ans
- ☐ 1. Dot Matrix Printer
 - ☐ 2. Projector
 - ☐ 3. Joystick
 - ☒ 4. Inkjet Printer

Q.73 Which of the following states announced the 'Ama Similipal Yojana' with a budget outlay of ₹50 crore to enhance livelihoods and promote ecotourism and cultural tourism?

- Ans**
- ☐ 1. Madhya Pradesh
 - ☒ 2. Odisha
 - ☐ 3. Karnataka
 - ☐ 4. Assam

Q.74 Who among the following won the 2024 US Open Women's Singles title?

- Ans**
- ☐ 1. Elena Rybakina
 - ☒ 2. Aryna Sabalenka
 - ☐ 3. Coco Gauff
 - ☐ 4. Iga Świątek

Q.75 Which of the following is the primary basis for allocating seats in the Rajya Sabha among various States and Union Territories in India?

- Ans**
- ☒ 1. Population of each state or union territory
 - ☐ 2. Geographical area of each state
 - ☐ 3. Economic contribution of each state
 - ☐ 4. Literacy rate of the population

Q.76 Pipes A and B can fill an empty cistern in 84 minutes and 36 minutes, respectively. Both Pipe A and Pipe B are opened together. After how much time should Pipe B be turned off so that the empty cistern is completely filled in a total of 42 minutes?

- Ans**
- ☐ 1. 24 minutes
 - ☒ 2. 18 minutes
 - ☐ 3. 15 minutes
 - ☐ 4. 12 minutes

Q.77 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: NHP :: RLT : %

- Ans**
- ☐ 1. # = OIQ , % = QKR
 - ☐ 2. # = OIR , % = QKS
 - ☒ 3. # = OIQ , % = QKS
 - ☐ 4. # = OIQ , % = QLS

Q.78 The mean and the mode of a set of data are 47.4 and 61.6, respectively. Find the median of the data set, using the empirical formula.
(Round off your answer to one decimal place.)

- Ans**
- ☒ 1. 52.1
 - ☐ 2. 52.7
 - ☐ 3. 51.7
 - ☐ 4. 53.8

Q.79 Which feature of the phosphodiester bond contributes most to the overall negative charge of the DNA molecule?

- Ans**
- ☐ 1. The nitrogen in purines
 - ☐ 2. The ribose sugar
 - ☐ 3. The methyl group of thymine
 - ☒ 4. The phosphate group's ionisable oxygen atoms

Q.80 What is the standard method to save your work in PowerPoint?

- Ans**
- ☐ 1. Select 'Save' from the Design tab
 - ☒ 2. Use the File tab and select 'Save' or press Ctrl + S
 - ☐ 3. Exit the program without saving
 - ☐ 4. Click on the Insert tab

Q.81 C is the third proportional of 29 and B. If B is the sum of the first three even natural numbers, then find the value of C.
(Rounded off to two decimal places)

- Ans**
- ☒ 1. 4.97
 - ☐ 2. 3.53
 - ☐ 3. 3.85
 - ☐ 4. 7.64

Q.82 A man spends 40% of his monthly salary on house rent. If every month, he also spends ₹442 on conveyance and ₹9,115 on grocery and saves the remaining ₹946, his monthly salary is:

- Ans**
- ☐ 1. ₹17,475
 - ☐ 2. ₹17,603
 - ☐ 3. ₹17,468
 - ☒ 4. ₹17,505

Q.83 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Only three boxes are kept below B. Only two boxes are kept between B and G. Only A is kept immediately above E. F is kept in some place below D and in some place above C. How many boxes are kept below C?

- Ans**
- ☐ 1. 4
 - ☐ 2. 3
 - ☐ 3. 2
 - ☒ 4. 1

Q.84 What is the term duration for representatives in municipalities in India?

- Ans**
- ☐ 1. 7 years
 - ☐ 2. 10 years
 - ☐ 3. 3 years
 - ☒ 4. 5 years

Q.85 This question is based on the five, three-digit numbers given below.

(Left) 236 758 230 563 263 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the lowest number is subtracted from the first digit of the highest number?

- Ans**
- ☒ 1. 5
 - ☐ 2. 8
 - ☐ 3. 6
 - ☐ 4. 4

Q.86 The Charter Act of 1833 created a separate ____.

- Ans**
- ☐ 1. Supreme Court in Madras
 - ☐ 2. Legislative Assembly in Delhi
 - ☐ 3. Federal Court
 - ☒ 4. Law Commission in India

Q.87 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: LIE :: SPL : %

- Ans**
- ☒ 1. # = OLH, % = PMI
 - ☐ 2. # = OLT, % = OAI
 - ☐ 3. # = OOI, % = PDF
 - ☐ 4. # = PQH, % = GVI

Q.88 The average of Anwar's marks in seven subjects is 75. His average in six subjects excluding Science is 70. How many marks did he get in Science?

- Ans**
- ☐ 1. 106
 - ☒ 2. 105
 - ☐ 3. 107
 - ☐ 4. 104

Q.89 The Maitrakas of Valabhi were initially the:

- Ans**
- ☐ 1. part of the Hunas
 - ☒ 2. subordinates of the Guptas
 - ☐ 3. rulers of an independent empire
 - ☐ 4. rivals of the Guptas

Q.90 In Windows 10 File Explorer, how can you group files by their type?

- Ans**
- ☐ 1. Use the 'Sort by' option and select 'Name'
 - ☒ 2. Use the 'Group by' option and select 'Type'
 - ☐ 3. Use the 'View' tab and select 'Details'
 - ☐ 4. Rename all files with the same type

Q.91 Simplify: $34 \div \left\{ 4 \times \left(\frac{9}{9} \text{ of } \frac{9}{8} \right) \right\}$

- Ans**
- ☒ 1. $\frac{68}{9}$
 - ☐ 2. $\frac{61}{9}$
 - ☐ 3. $\frac{76}{9}$
 - ☐ 4. $\frac{71}{9}$

Q.92 If '+' means '-', '-' means '×', '×' means '÷' and '÷' means '+', then what will come in place of the question mark (?) in the following equation?

$$55 - 8 \div 3 + 15 \times 5 = ?$$

- Ans**
- ☐ 1. 400
 - ☐ 2. 450
 - ☒ 3. 440
 - ☐ 4. 420

Q.93 What happens when you use the Format Painter tool in MS Word?

- Ans**
- ☐ 1. It inserts a hyperlink.
 - ☐ 2. It deletes the selected text.
 - ☐ 3. It changes the page orientation.
 - ☒ 4. It copies formatting (e.g., font, color) from one piece of text to another.

Q.94 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 1 6 \$ 1 * 6 5 9 6 % % 1 * * £ 2 * 6 5 \$ @ 6 (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans**
- ☐ 1. 5
 - ☐ 2. 2
 - ☒ 3. 3
 - ☐ 4. 4

Q.95 In December 2024, India mourned the passing of Dr Manmohan Singh. In which year did Dr Manmohan Singh first become the Prime Minister of India?

- Ans**
- ☐ 1. 2001
 - ☒ 2. 2004
 - ☐ 3. 1999
 - ☐ 4. 1991

Q.96 Which of the following cities hosted the important 20th Dialogue event in December 2024?

- Ans**
- ☐ 1. Abu Dhabi, UAE
 - ☒ 2. Manama, Bahrain
 - ☐ 3. Riyadh, Saudi Arabia
 - ☐ 4. Doha, Qatar

Q.97 What sum of money (in ₹) will amount to ₹720 at 4% per annum simple interest in 5 years?

- Ans**
- ☐ 1. 3,600
 - ☐ 2. 650
 - ☐ 3. 550
 - ☒ 4. 600

Q.98 The average of three numbers is 23. If two numbers are 11 and 25, the third number is:

- Ans**
- ☐ 1. 35
 - ☒ 2. 33
 - ☐ 3. 34
 - ☐ 4. 32

Q.99 What was the life expectancy at birth in India as per the 2021 World Health Organization data?

- Ans**
- ☒ 1. 67.3 years
 - ☐ 2. 70.8 years
 - ☐ 3. 72.1 years
 - ☐ 4. 65.3 years

Q.100 In a certain code language, 'PACE' is coded as '2468' and 'COST' is coded as '1327'.
What is the code for 'C' in the given code language?

- Ans**
- ☐ 1. 7
 - ☒ 2. 2
 - ☐ 3. 6
 - ☐ 4. 1



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	ION Digital Zone iDZ Asansol
Test Date	11/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.

BORE - EOBR - ORBE

RUST - TURS - USRT

- Ans ☒ 1. TORN - NOTR - ROTN
☒ 2. DOIR - DIOR - RIOD
☒ 3. CALE - ACLE - EALC
☒ 4. JUSL - LUJS - USJL

Q.2 If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 753814, what will be the sum of all the even digits in the new number thus formed?

- Ans ☒ 1. 24
☒ 2. 20
☒ 3. 18
☒ 4. 16

Q.3 Due to decrease in manpower, the production in a factory decreases by 12%. By what percentage (rounded off to two decimal places) should the working hours be increased to restore the original production?

- Ans ☒ 1. 23.23%
☒ 2. 16.67%
☒ 3. 12.33%
☒ 4. 13.64%

Q.4 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: IPJ :: NUO : %

- Ans ☒ 1. # = KRL, % = LSM
☒ 2. # = KRJ, % = NSM
☒ 3. # = KRL, % = NSL
☒ 4. # = KRL, % = NRM

Q.5 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(19, 354, 7)

(9, 73, 8)

- Ans**
- ☒ 1. (28, 778, 5)
 - ☒ 2. (39, 1510, 10)
 - ☒ 3. (22, 481, 2)
 - ☒ 4. (3, -10, 19)

Q.6 One pipe can fill the tank in 19 minutes while another pipe can empty the completely filled tank in 21 minutes. If both the pipes are operated together on empty tank, how long (in minutes) will it take to fill two-third of the tank?

- Ans**
- ☒ 1. 133
 - ☒ 2. 532
 - ☒ 3. 266
 - ☒ 4. 399

Q.7 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

TCL ZIR FOX LUD ?

- Ans**
- ☒ 1. RAJ
 - ☒ 2. ARJ
 - ☒ 3. AJR
 - ☒ 4. RJA

Q.8 The sum of the age of A and 4 times the age of B is 37 years. When 7 times the age of A is added to 6 times the age of B, the result is 61 years. The sum of the ages (in years) of A and B is:

- Ans**
- ☒ 1. 7
 - ☒ 2. 11
 - ☒ 3. 6
 - ☒ 4. 10

Q.9 What is the main purpose of the taskbar in the Windows desktop interface?

- Ans**
- ☒ 1. It stores documents and media files.
 - ☒ 2. It provides access to open and frequently used programs.
 - ☒ 3. It displays web browser shortcuts.
 - ☒ 4. It manages user login details.

Q.10 If 3 is a common root of quadratic equations $x^2 - 8x + P = 0$ and $x^2 + 4x + Q = 0$, then find the value of $P + Q$.

- Ans**
- ☒ 1. -6
 - ☒ 2. 6
 - ☒ 3. 3
 - ☒ 4. -3

Q.11 Walking at $\frac{4}{5}$ of his normal speed, Vishal is 25 minutes late in reaching between his home and his office is:

- Ans
- ☐ 1. 103 minutes
 - ☐ 2. 92 minutes
 - ☐ 3. 104 minutes
 - ☒ 4. 100 minutes

Q.12 P, Q, R, S, T, U and V are sitting around a circular table facing the centre. Only two people sit between P and T when counted from the right of P. Only two people sit between T and V. Only three people sit between P and Q. R sits to the immediate left of U. How many people sit between Q and U when counted from the left of Q?

- Ans
- ☒ 1. 1
 - ☐ 2. 3
 - ☐ 3. 4
 - ☐ 4. 2

Q.13 What should come in place of the question mark (?) in the given series?

302 300 296 290 282 ?

- Ans
- ☒ 1. 272
 - ☐ 2. 270
 - ☐ 3. 268
 - ☐ 4. 274

Q.14 In a certain code language, 'HIRE' is coded as '7539' and 'INKS' is coded as '2496'. What is the code for 'I' in the given code language?

- Ans
- ☐ 1. 2
 - ☐ 2. 5
 - ☐ 3. 6
 - ☒ 4. 9

Q.15 Under which Article of the Indian Constitution does the High Court exercise its original jurisdiction by issuing writs?

- Ans
- ☐ 1. Article 32
 - ☒ 2. Article 226
 - ☐ 3. Article 231
 - ☐ 4. Article 245

Q.16 What should come in place of the question mark (?) in the given series?

222 194 166 138 110 82 ?

- Ans
- ☐ 1. 66
 - ☒ 2. 54
 - ☐ 3. 42
 - ☐ 4. 60

Q.17 What is the title of the poetry collection by Michael Madhusudan Dutt, published in 1849, that narrates the story of Prithviraj Chauhan?

- Ans
- ☐ 1. The Noble King
 - ☐ 2. The Warrior's Tale
 - ☒ 3. The Captive Lady
 - ☐ 4. Echoes of Rajputana

Q.18 Which of the following dance forms represents the love stories of Radha and Krishna?

- Ans**
- ☐ 1. Matki
 - ☐ 2. Kalbelia
 - ☒ 3. Raslila
 - ☐ 4. Giddha

Q.19 Who was the leader of the 'Indian National Army' before Subhas Chandra Bose took charge?

- Ans**
- ☐ 1. Shah Nawaz Khan
 - ☐ 2. Pran Nath Thapar
 - ☐ 3. Ziaur Rahman
 - ☒ 4. Mohan Singh

Q.20 What percentage increase in cement production was recorded in FY24 due to the government's infrastructure push?

- Ans**
- ☐ 1. 5%
 - ☒ 2. 7%
 - ☐ 3. 11%
 - ☐ 4. 9%

Q.21 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) & 2 6 9 5 7 & € 9 * % £ 7 © 5 3 3 @ 2 © % # (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans**
- ☒ 1. 3
 - ☐ 2. 5
 - ☐ 3. 4
 - ☐ 4. 2

Q.22 A person who spends 75% of his monthly income is able to save ₹5,538 per month. His monthly expenses (in ₹) are:

- Ans**
- ☐ 1. 16,539
 - ☐ 2. 16,688
 - ☐ 3. 16,589
 - ☒ 4. 16,614

Q.23 Town J is to the north of Town K. Town K is to the east of Town L. Town L is to the west of Town M. Town M is to the south of Town N. Town J is to the south-west of Town N. What is the position of Town K with respect to Town M?

- Ans**
- ☐ 1. East
 - ☒ 2. West
 - ☐ 3. North
 - ☐ 4. South

Q.24 The simplified value of $\frac{(19^{19} \times 7^9 \times 35^7)}{(19^{18} \times 7^8 \times 35^6)}$ is:

- Ans**
- ☒ 1. 4655
 - ☐ 2. 4661
 - ☐ 3. 4660
 - ☐ 4. 4654

Q.25 In a 2100 m circular race, Amit finishes one round in 42 seconds and Sumit finishes one round in 75 seconds. How many different meeting points are there on the circumference if they are running in the opposite directions?

- Ans
- ☐ 1. 38
 - ☐ 2. 29
 - ☒ 3. 39
 - ☐ 4. 49

Q.26 A retailer offers the following discount schemes for buyers on an article.

- I. Two successive discounts of 27%
 - II. A discount of 7% followed by a discount of 6%
 - III. Successive discounts of 45% and 29%
 - IV. A discount of 20% followed by a discount of 38%
- Which scheme will fetch the maximum selling price?

- Ans
- ☐ 1. I
 - ☐ 2. IV
 - ☐ 3. III
 - ☒ 4. II

Q.27 What sum of money (in ₹) will amount to ₹840 at 4% per annum simple interest in 3 years?

- Ans
- ☐ 1. 700
 - ☐ 2. 800
 - ☒ 3. 750
 - ☐ 4. 7,000

Q.28 A ladder is leaning against a wall such that it makes an angle of 60° with the ground. If the length of the ladder is 10 metres, how far is the foot of the ladder from the wall?

- Ans
- ☐ 1. 10 metres
 - ☐ 2. 8 metres
 - ☐ 3. 6 metres
 - ☒ 4. 5 metres

Q.29 Who among the following appointed a superintendent (Shahna-i-Mandi) for the effective implementation of market reforms?

- Ans
- ☐ 1. Ulugh Khan
 - ☐ 2. Muhammad Ghori
 - ☐ 3. Raziya Sultana
 - ☒ 4. Alauddin Khilji

Q.30 In MS Word 365, which feature allows users to customise the appearance of bulleted lists by selecting different bullet styles or symbols and modifying their size and color?

- Ans
- ☐ 1. Line Spacing
 - ☐ 2. List Style
 - ☐ 3. Format Painter
 - ☒ 4. Bullet Library

Q.31 Who among the following spearheaded an active non-cooperation movement famously known as the 'Barasat Rebellion' against the British indigo planters?

- Ans
- ☐ 1. Haji Shariatullah
 - ☐ 2. Dudu Miyan
 - ☒ 3. Titu Mir
 - ☐ 4. Sidhu Murmu

Q.32 The average price of three items of furniture is ₹15,255. If their prices are in the ratio 3 : 5 : 7, the price of the cheapest item (in ₹) is:

- Ans**
- ☐ 1. 3,051
 - ☐ 2. 5,085
 - ☐ 3. 7,119
 - ☒ 4. 9,153

Q.33 What was the theme of the 2024 International Conference of NGOs organised by UNESCO?

- Ans**
- ☐ 1. Building Approachability for Action
 - ☐ 2. Building Capacity for Innovation
 - ☐ 3. Building Capacity for Achievement
 - ☒ 4. Building Capacity for Action

Q.34 Mr. U starts from Point F and drives 2 km towards the west. He then takes a left turn, drives 4 km, turns right and drives 10 km. He then takes a left turn and drives 4 km. He then takes a left turn and drives 12 km. He takes a final left turn, drives 2 km and stops at Point O. How far (shortest distance) and towards which direction should he drive in order to reach Point F again? (All turns are 90 degree turns only unless specified.)

- Ans**
- ☐ 1. 4 km towards the south
 - ☒ 2. 6 km towards the north
 - ☐ 3. 6 km towards the west
 - ☐ 4. 8 km towards the east

Q.35 In a certain code language,
'A + B' means 'A is the sister of B'
'A - B' means 'A is the brother of B'
'A × B' means 'A is the wife of B'
'A ÷ B' means 'A is the father of B'

Based on the above, how is M related to Q if 'M × N - O + P ÷ Q'?

- Ans**
- ☐ 1. Mother's Brother's Daughter
 - ☒ 2. Father's Brother's Wife
 - ☐ 3. Father's Brother's Daughter
 - ☐ 4. Mother's Brother's Wife

Q.36 Which major discovery helps to design drugs in the treatment of hyperacidity?

- Ans**
- ☒ 1. Histamine stimulates acid secretion in the stomach
 - ☐ 2. The use of antibiotics to neutralize stomach acid
 - ☐ 3. Hydrochloric acid present in the stomach
 - ☐ 4. The role of enzymes in digestion

Q.37 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. C lives on a floor that is a prime number. The product of floors on which C and B live is 8. E lives immediately above F. The sum of floors on which B and D live is 7. How many people live between A and D?

- Ans**
- ☐ 1. 4
 - ☐ 2. 2
 - ☒ 3. 1
 - ☐ 4. 3

Q.38 What is the range of composite scores achieved by Union Territories (UTs) in the SDG India Index 2023-24?

- Ans**
- ☒ 1. 65 to 77
 - ☐ 2. 60 to 75
 - ☐ 3. 70 to 80
 - ☐ 4. 75 to 85

Q.39 What was the name of the new department opened by Muhammad Tughlaq for the development of agriculture?

- Ans**
- ☐ 1. Diwan-i-Wizarat
 - ☐ 2. Diwan-i-Qaza
 - ☐ 3. Diwan-i-Risalat
 - ☒ 4. Diwan-i-Kohi

Q.40 Who among the following wrote the book 'Chhaunk: On Food, Economics and Society'?

- Ans**
- ☒ 1. Abhijit Banerjee
 - ☐ 2. Shaktikanta Das
 - ☐ 3. Subramanian Swamy
 - ☐ 4. Raghuram Rajan

Q.41 After allowing a discount of 64%, the value of a water cooler is ₹6,480. If no discount is allowed, then the shopkeeper gains 20%. Find the cost price (in ₹) of the water cooler.

- Ans**
- ☐ 1. 14,999
 - ☒ 2. 15,000
 - ☐ 3. 14,997
 - ☐ 4. 14,998

Q.42 Three persons P, Q, and R started a business with their shares in the ratio 11 : 8 : 20. After 9 months, Q withdrew his 35% share, while R withdrew his 14% share 7 months prior to completion of the year. If the total profit at the end of the year is ₹40,700, find the share of R (in ₹) in the profit.

- Ans**
- ☐ 1. 20,606
 - ☐ 2. 20,246
 - ☒ 3. 20,387
 - ☐ 4. 20,529

Q.43 What was Nishchay's achievement in the boys' shot put event at the Asian U-18 Athletics Championship 2025?

- Ans**
- ☐ 1. Fourth place with a throw of 18.50 metres
 - ☐ 2. Bronze medal with a throw of 18.93 metres
 - ☒ 3. Silver medal with a throw of 19.59 metres
 - ☐ 4. Gold medal with a throw of 20.23 metres

Q.44 CK 17 is related to EG 29 in a certain way. In the same way, KM 12 is related to MI 24. To which of the given options is PQ 16 related, following the same logic?

- Ans**
- ☐ 1. TV 29
 - ☐ 2. SP 33
 - ☐ 3. PR 11
 - ☒ 4. RM 28

Q.45 M, N, O, P, Q, R and X are sitting around a circular table facing the centre of the table. Only four people sit between Q and R when counted from the right of Q. Q sits third to the left of X. P sits third to the left of M. N is an immediate neighbour of R and X. How many people sit between O and N when counted from the right of O?

- Ans
- ☐ 1. Three
 - ☒ 2. Two
 - ☐ 3. Four
 - ☐ 4. One

Q.46 ABCD is a quadrilateral in which $AB \parallel DC$, and E and F are the mid p
If $AB = 14$ cm, $BC = 73$ cm, $DC = 90$ cm and $AD = 22$ cm, ther

- Ans
- ☐ 1. 42
 - ☐ 2. 43
 - ☒ 3. 38
 - ☐ 4. 34

Q.47 Consider the following statements about Exercise LA PEROUSE, in which India participated in January 2025.
The Indian Navy participated in the 4th edition of the exercise with INS Mumbai, a guided missile destroyer.
The exercise was held in Indian territorial waters near the Andaman and Nicobar Islands.
India's participation aligns with its SAGAR vision to promote maritime cooperation in the Indo-Pacific.
It is a bilateral naval exercise conducted exclusively between India and Indonesia.

Which of the above statements are correct?

- Ans
- ☐ 1. Only 2 and 3
 - ☐ 2. Only 1, 3 and 4
 - ☒ 3. Only 1 and 3
 - ☐ 4. Only 1, 2 and 4

Q.48 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

KP23, LQ32, MR41, NS50, ?

- Ans
- ☐ 1. OW58
 - ☐ 2. OT58
 - ☒ 3. OT59
 - ☐ 4. OW59

Q.49 Pipes A and B can fill an empty cistern in 72 minutes and 76 minutes, respectively. Both Pipe A and Pipe B are opened together. After how much time should Pipe B be turned off so that the empty cistern is completely filled in a total of 54 minutes?

- Ans
- ☐ 1. 23 minutes
 - ☐ 2. 13 minutes
 - ☐ 3. 17 minutes
 - ☒ 4. 19 minutes

Q.50 Which Indian Institute of Technology's Centre for Ocean, River, Atmosphere and Land Sciences (CORAL) found in its research that surface ozone pollution has emerged as a critical issue affecting India's agriculture?

- Ans**
- ☐ 1. IIT Mumbai
 - ☐ 2. IIT Guwahati
 - ☐ 3. IIT Kanpur
 - ☒ 4. IIT Kharagpur

Q.51 The volume (in m^3) of a cube, each of whose edges is 25 m, is:

- Ans**
- ☐ 1. 15,529
 - ☐ 2. 15,583
 - ☒ 3. 15,625
 - ☐ 4. 15,664

Q.52 What was the average annual growth rate of industries comprising mining, manufacturing and electricity during the post-reform period between 1991-92 and 2011-12?

- Ans**
- ☒ 1. 6.7%
 - ☐ 2. 8.5%
 - ☐ 3. 7.5%
 - ☐ 4. 5.5%

Q.53 If the mode of a data set exceeds its mean by 17.7, then the mode exceeds the median by _____.
(Use empirical formula.)

- Ans**
- ☐ 1. 15.4
 - ☐ 2. 9.8
 - ☐ 3. 4.8
 - ☒ 4. 11.8

Q.54 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 8 * * \$ # 4 5 © © @ * 7 @ # & © 6 1 £ 9 8 4 (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans**
- ☐ 1. 1
 - ☐ 2. 4
 - ☐ 3. 3
 - ☒ 4. 2

Q.55 Simplify: $10 \times (24 - 12) + \left(\frac{165}{33}\right)$

- Ans**
- ☒ 1. 125
 - ☐ 2. 126
 - ☐ 3. 122
 - ☐ 4. 127

Q.56 Which Directive Principle of State Policy is NOT added by the 42nd Constitutional Amendment Act of the Constitution of India?

- Ans**
- ☐ 1. Protection of the environment, forests and wildlife
 - ☐ 2. Promotion of equal justice and to provide free legal aid to the poor
 - ☒ 3. Promotion of democratic control of co-operative societies
 - ☐ 4. Secure participation of workers in the management of industries

Q.57 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☒ 1. LH-DC
 - ☐ 2. CY-VR
 - ☐ 3. RN-KG
 - ☐ 4. GC-ZV

Q.58 $6 : 42 :: 7.6 : x$ and $3 : 6 :: 6 : y$. What is the ratio of x to y ?

- Ans**
- ☐ 1. $135 : 32$
 - ☐ 2. $137 : 40$
 - ☒ 3. $133 : 30$
 - ☐ 4. $134 : 28$

Q.59 If 3 is added to each even digit and 2 is added to each odd digit in the number 7135624, what will be the sum of the last two and first two digits in the new number thus formed?

- Ans**
- ☐ 1. 20
 - ☐ 2. 18
 - ☒ 3. 24
 - ☐ 4. 22

Q.60 India's territorial waters extend up to how many nautical miles from the baseline?

- Ans**
- ☐ 1. 200
 - ☒ 2. 12
 - ☐ 3. 100
 - ☐ 4. 24

Q.61 Which case is associated with the Supreme Court striking down the 99th Constitutional Amendment (NJAC)?

- Ans**
- ☐ 1. Minerva Mills Case (1980)
 - ☒ 2. Supreme Court Advocates-on-Record Association Case (2015)
 - ☐ 3. Golaknath Case (1967)
 - ☐ 4. Kesavananda Bharati Case (1973)

Q.62 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 6 £ & 8 4 * % 7 2 & 2 2 9 £ 1 & € 1 2 6 6 2 (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

- Ans
- ☒ 1. 3
 - ☒ 2. 1
 - ☒ 3. 0
 - ☒ 4. 2

Q.63 What is the mode of the following data?
78, 75, 86, 90, 83, 86, 74, 70, 67, 90, 81, 64, 83, 78, 90, 66, 60, 87, 72, 78, 66, 78, 84, 68, 66, 85, 78

- Ans
- ☒ 1. 90
 - ☒ 2. 86
 - ☒ 3. 78
 - ☒ 4. 75

Q.64 Which of the following is true when you delete a file and it is placed in the Recycle Bin on Windows?

- Ans
- ☒ 1. The file remains locked and cannot be accessed or deleted further.
 - ☒ 2. The file is moved to the system's storage space but remains inaccessible until permanently deleted.
 - ☒ 3. The file is permanently removed from the system and cannot be restored.
 - ☒ 4. The file can be restored by right-clicking it and selecting the 'Restore' option.

Q.65 Which of the options below is equivalent to $216x^3 + 343y^3 + 756x^2y + 882xy^2$.

- Ans
- ☒ 1. $(8x + 7y)^3$
 - ☒ 2. $(7x + 6y)^3$
 - ☒ 3. $(6x + 7y)^3$
 - ☒ 4. $(6x + 10y)^3$

Q.66 Which of the following rivers is NOT a major river of the Great Plateau (Peninsular Plateau) of India?

- Ans
- ☒ 1. Yamuna
 - ☒ 2. Narmada
 - ☒ 3. Krishna
 - ☒ 4. Godavari

Q.67 Rachel Kushner novel shortlisted for Booker 2024 is titled:

- Ans
- ☒ 1. Lizzie Blake's Best Mistake
 - ☒ 2. A Brush with Love
 - ☒ 3. The Plus One
 - ☒ 4. Creation Lake

Q.68 The sum of 6 numbers is 288. Find their average.

- Ans
- ☒ 1. 48
 - ☒ 2. 47
 - ☒ 3. 46
 - ☒ 4. 49

Q.69 The Dutch East India Company's trade on the Coromandel Coast registered a significant increase over the 17th century due to:

- Ans**
- ☐ 1. the result of White Mutiny
 - ☐ 2. the decline and collapse of the British influence in the region
 - ☐ 3. the establishment of trading posts in Goa and Surat
 - ☒ 4. an increase in the demand for textile from the south-east Asian markets

Q.70 The ratio of market prices of jowar and gram is 2 : 5 and the ratio of quantities consumed in a family is 4 : 7. Find the ratio of expenditure of jowar and gram.

- Ans**
- ☒ 1. 8 : 35
 - ☐ 2. 1 : 2
 - ☐ 3. 37 : 10
 - ☐ 4. 9 : 36

Q.71 Which of the following statements about RAM and ROM with reference to computer memory is correct?

- Ans**
- ☐ 1. RAM is non-volatile, while ROM is volatile.
 - ☐ 2. ROM is faster than RAM.
 - ☒ 3. RAM temporarily stores data for active programs, while ROM permanently stores firmware.
 - ☐ 4. RAM cannot be written to, only read from.

Q.72 What is the primary objective of the NPS Vatsalya scheme launched in 2024?

- Ans**
- ☐ 1. To provide old-age pension to senior citizens living in rural areas
 - ☐ 2. To replace the existing National Pension System (NPS) for all age groups
 - ☐ 3. To support pension benefits for unorganised sector workers
 - ☒ 4. To offer a savings-cum-pension plan exclusively for minors

Q.73 Calculate the area of the triangle whose sides are 8 cm, 9 cm and 13 cm. (Rounded up to two decimal places)

- Ans**
- ☐ 1. 35.97 cm²
 - ☒ 2. 35.50 cm²
 - ☐ 3. 35.85 cm²
 - ☐ 4. 35.03 cm²

Q.74 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$48 \div 14 - 168 \times 3 + 47 = ?$$

- Ans**
- ☐ 1. 661
 - ☐ 2. 691
 - ☐ 3. 671
 - ☒ 4. 681

Q.75 Three numbers are in the ratio 5 : 1 : 7, and their LCM is 7595. Their HCF is:

- Ans**
- ☐ 1. 259
 - ☐ 2. 236
 - ☐ 3. 208
 - ☒ 4. 217

Q.76 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans
- ☐ 1. BI-GN
 - ☐ 2. GN-LS
 - ☒ 3. TA-YE
 - ☐ 4. HO-MT

Q.77 What is the formula for density?

- Ans
- ☒ 1. $\text{Density} = \frac{\text{Mass}}{\text{Volume}}$
 - ☐ 2. $\text{Density} = \frac{\text{Volume}}{\text{Mass}}$
 - ☐ 3. $\text{Density} = \frac{\text{Weight}}{\text{Volume}}$
 - ☐ 4. $\text{Density} = \text{Mass} \times \text{Volume}$

Q.78 GQCN is related to LNHK in a certain way based on the English alphabetical order. In the same way, QKMH is related to VHRE. To which of the given options is AEWB related, following the same logic?

- Ans
- ☒ 1. FBBY
 - ☐ 2. FABX
 - ☐ 3. EBCX
 - ☐ 4. GCAZ

Q.79 What is one of the interventions included in the rural development programmes?

- Ans
- ☐ 1. Expanding metro rail
 - ☐ 2. Developing urban airports
 - ☐ 3. Building skyscrapers
 - ☒ 4. Providing road connectivity to unconnected villages

Q.80 Which of the following options best explains the temporary cessation of rainfall during the southwest monsoon over parts of India?

- Ans
- ☐ 1. Cross-equatorial surge
 - ☐ 2. Subtropical jet interference
 - ☒ 3. Break in monsoon
 - ☐ 4. Easterly trough development

Q.81 A trader lost 5% by selling a shirt for ₹950. He will gain x% by selling it for ₹1,340. The value of x is:

- Ans
- ☒ 1. 34
 - ☐ 2. 49
 - ☐ 3. 24
 - ☐ 4. 44

Q.82 Each of B, C, D, E, F, G and H has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Only two people have exams after B. Only two people have exams between B and C. F has an exam immediately before E and H has an exam immediately after G. H has an exam on some days before F. On which day D has an exam?

- Ans** ☒ 1. Thursday
☒ 2. Sunday
☒ 3. Monday
☒ 4. Tuesday

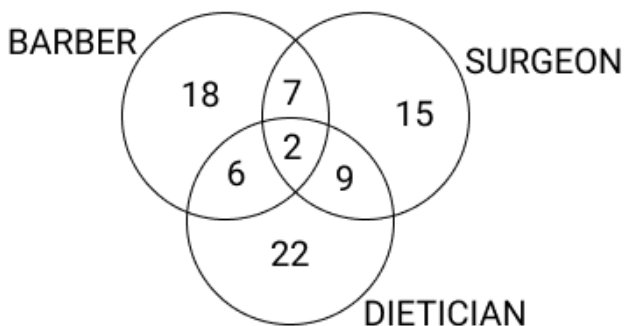
Q.83 Which Article of the Constitution of India states about a directive to states for the settlement of international disputes by arbitration?

- Ans** ☒ 1. Article 51e
☒ 2. Article 51b
☒ 3. Article 51c
☒ 4. Article 51d

Q.84 Seven boxes, A, B, C, D, E, F and G, are kept one above the other but not necessarily in the same order. Only two boxes are kept between B and G. Only C is kept above E. No box is kept below G. D is kept at some place below F but at some place above A. How many boxes are kept below F?

- Ans** ☒ 1. 2
☒ 2. 3
☒ 3. 5
☒ 4. 4

Q.85 Study the given Venn diagram carefully and answer the question that follows.



The numbers in different sections indicate the number of persons. How many surgeons are there who are also dieticians but not barbers?

- Ans** ☒ 1. 15
☒ 2. 22
☒ 3. 18
☒ 4. 9

Q.86 In December 2024, which industrial company was certified as a 'Great Place to Work'?

- Ans** ☒ 1. Steel Authority of India Limited (SAIL)
☒ 2. Bharat Heavy Electricals Limited (BHEL)
☒ 3. Gas Authority Of India Ltd. (GAIL)
☒ 4. National Thermal Power Corporation (NTPC)

Q.87 In April 2025, the Reserve Bank of India (RBI) adjusted its monetary policy stance in response to global economic uncertainties. What was the new stance adopted by the RBI?

- Ans**
- ☒ 1. Accommodative
 - ☐ 2. Hawkish
 - ☐ 3. Restrictive
 - ☐ 4. Neutral

Q.88 Which of the following numbers is divisible by both 43 and 32?

- Ans**
- ☐ 1. 137005
 - ☐ 2. 135131
 - ☒ 3. 136224
 - ☐ 4. 137868

Q.89 Which initiative does the development of Vikram 3201 and Kalpana 3201 in 2025 align with?

- Ans**
- ☐ 1. Start-Up India initiative
 - ☒ 2. Make in India campaign
 - ☐ 3. Digital India campaign
 - ☐ 4. Smart City Mission

Q.90 Which unique property of Plasmodium makes malaria a cyclical disease with periodic fever?

- Ans**
- ☐ 1. Constant reinfection from environment
 - ☐ 2. Continual entry via mosquito bites
 - ☐ 3. Infection of liver cells only
 - ☒ 4. RBC rupture and toxin release every few days

Q.91 In this question, a group of numbers is coded by using letters and symbols as per the table given below and the conditions which follow.

Number	7	8	2	3	4	5	6
Code	Z	Q	*	@	%	\$	T

Conditions:

1. If the 1st and 2nd digits are even, both are to be coded as 'A'.
2. If the 1st and last digits are odd, both are to be coded as the code for the 1st digit.
3. If the 3rd and 4th digits are even, their codes are to be interchanged.

What is the correct combination of codes (by following only the applicable condition(s)) for the following?

71628



- Ans**
- ☒ 1. ZJ * T Q
 - ☐ 2. ZJ T T Q
 - ☐ 3. ZJ T * Q
 - ☐ 4. ZJ * * Q

Q.92 Which of the following is/are correct with respect to the World Trade Organization (WTO)?

1. WTO agreements cover trade in goods as well as services to facilitate international trade.
2. It aims to remove tariff as well as non-tariff barriers and provide greater market access to all member countries.
3. India has kept its commitments towards liberalisation of trade, made in the WTO, by removing quantitative restrictions on imports and reducing tariff rates.

Ans ☐ 1. Only 1 and 2
☒ 2. 1, 2 and 3
☐ 3. Only 1 and 3
☐ 4. Only 2 and 3

Q.93 Which of the following acts of the East India Company mandated that selection for civil employees in British Indian territory would be based on the competitive examinations?

Ans ☐ 1. Charter Act 1793
☐ 2. Charter Act 1813
☒ 3. Charter Act 1853
☐ 4. Pitt's India Act 1784

Q.94 The difference between the simple interest and the compound interest, compounded annually, on a certain sum of money for 2 years at 17% per annum is ₹967. Find the sum [rounded off to the nearest integer].

Ans ☐ 1. ₹33,473
☐ 2. ₹33,454
☒ 3. ₹33,460
☐ 4. ₹33,480

Q.95 Which keyboard shortcut is used to quickly save a workbook in MS-Excel 365?

Ans ☐ 1. Ctrl + C
☐ 2. Ctrl + V
☐ 3. Ctrl + P
☒ 4. Ctrl + S

Q.96 In a certain code language 'QBOE' is coded as '76' and 'DWIJ' is coded as '69'. What is the code for 'YAPC' in the given language?

Ans ☒ 1. 70
☐ 2. 74
☐ 3. 72
☐ 4. 69

Q.97 MN and XY are two parallel lines, there is a line BK which intersects them. If $\angle NBK = 78^\circ$, find the measure of $\angle YKB$.

Ans ☐ 1. 72°
☐ 2. 92°
☐ 3. 82°
☒ 4. 102°

Q.98 Which of the following forest-dwelling tribes, found in Uttarakhand, is known for seasonal migration and forest-based cattle herding?

- Ans**
- ☐ 1. Gaddi
 - ☐ 2. Bhil
 - ☒ 3. Van Gujjar
 - ☐ 4. Tharu

Q.99 According to the Global Entrepreneurship Monitor (GEM) 2025, which country has the highest Total Early-stage Entrepreneurial Activity (TEA) rate?

- Ans**
- ☐ 1. India
 - ☐ 2. Brazil
 - ☐ 3. United States
 - ☒ 4. United Arab Emirates

Q.100 If + means $\times$, $\times$ means $\div$, and $\div$ means $+$, what will come in place of the question mark (?) in the following equation?

$$45 - 2 \div 9 + 16 \times 8 = ?$$

- Ans**
- ☐ 1. 87
 - ☒ 2. 97
 - ☐ 3. 80
 - ☐ 4. 100



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	R K Digital Computer Centre 1
Test Date	12/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 Which of the following accurately describes the function of the 'Spill Range' feature introduced in newer versions of MS Excel?

- Ans
- ☒ 1. It allows multiple users to simultaneously edit different ranges within the same worksheet.
 - ☒ 2. It automatically saves the workbook to a cloud location at predefined intervals.
 - ☒ 3. It dynamically resizes a formula's output range when the formula returns multiple values.
 - ☒ 4. It restricts data entry within a specific range of cells based on predefined criteria.

Q.2 Yash travels 204 km at 68 km/hr, the next 424 km at 53 km/hr and the next 366 km at 61 km/hr. What is his average speed (in km/hr) for the whole journey? (Corrected to two decimal places)

- Ans
- ☒ 1. 67.92
 - ☒ 2. 65.87
 - ☒ 3. 58.47
 - ☒ 4. 57.62

Q.3 Who headed the 1915 committee to examine the co-operative movement in India?

- Ans
- ☒ 1. Sir Edward Maclagan
 - ☒ 2. Lord Curzon
 - ☒ 3. Sir John Simon
 - ☒ 4. Lord Irwin

Q.4 A ladder leans against a wall, making an angle of 30° with the ground. If the ladder is 8 m long, what is the height it reaches on the wall?

- Ans
- ☒ 1. 4 m
 - ☒ 2. 8 m
 - ☒ 3. 10 m
 - ☒ 4. 6 m

Q.5 Which of the following statements about the Delhi High Court's ruling on the 'Right to Be Forgotten' in November 2024 is correct?

- Ans
- ☒ 1. The Court permitted the petitioner to approach online platforms and search engines to mask their identities.
 - ☒ 2. The judgement rejected the applicability of the 'Right to Be Forgotten' in cases of acquittal or quashed criminal proceedings.
 - ☒ 3. The Court ruled that the names of the couple involved in the matrimonial dispute must remain publicly accessible to ensure transparency.
 - ☒ 4. The Court stated that the right to privacy cannot override public interest in matrimonial cases.

Q.6 Who among the following won the bronze medal in the men's individual recurve event at the Archery World Cup 2025 Stage 1?

- Ans**
- ☐ 1. Abhishek Verma
 - ☐ 2. Tarundeep Rai
 - ☐ 3. Atanu Das
 - ☒ 4. Dhiraj Bommadevara

Q.7 In a certain code language, 'NEWS' is coded as '6482' and 'WORK' is coded as '3671'. What is the code for 'W' in the given code language?

- Ans**
- ☒ 1. 6
 - ☐ 2. 3
 - ☐ 3. 1
 - ☐ 4. 8

Q.8 Which city of India is set to establish India's first Integrated Waste Management City-cum-Learning Centre by September 2025, aiming to create a garbage-free environment?

- Ans**
- ☐ 1. Agra
 - ☐ 2. Moradabad
 - ☐ 3. Kanpur
 - ☒ 4. Gorakhpur

Q.9 A can complete a piece of work in 24 days and B can complete it in 28 days. If they work on alternate days, starting with B on the first day, then in how many days will the work be finished?

- Ans**
- ☐ 1. $24\frac{6}{7}$
 - ☐ 2. $25\frac{1}{6}$
 - ☐ 3. $24\frac{1}{6}$
 - ☒ 4. $25\frac{6}{7}$

Q.10 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. B lives on an even numbered floor but not 6. The sum of floors on which F and B live is 7. D lives immediately above C. The sum of floors on which B and E live is 3. How many people live below D?

- Ans**
- ☐ 1. 2
 - ☐ 2. 1
 - ☐ 3. 4
 - ☒ 4. 3

Q.11 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All trucks are big.

All big are cars.

All cars are long.

Conclusions:

(I) All big are trucks.

(II) All cars are big.

- Ans**
- ☐ 1. Both conclusions (I) and (II) follow.
 - ☐ 2. Only conclusion (II) follows.
 - ☒ 3. Neither conclusion (I) nor (II) follows.
 - ☐ 4. Only conclusion (I) follows.

Q.12 If the eight-digit number 32043p88 is divisible by 4, then the maximum value of p is:

- Ans**
- ☐ 1. 5
 - ☐ 2. 4
 - ☒ 3. 9
 - ☐ 4. 7

Q.13 Why is the discovery of penicillin considered revolutionary in medicine?

- Ans**
- ☒ 1. It began the antibiotic era.
 - ☐ 2. It treated pain rather than infections.
 - ☐ 3. It was used for colouring bacteria.
 - ☐ 4. It was used only in animals.

Q.14 How much will a sum of ₹60,000 become after one year if the interest is compounded half-yearly at 18% per annum compound interest?

- Ans**
- ☐ 1. ₹70,471
 - ☐ 2. ₹72,166
 - ☒ 3. ₹71,286
 - ☐ 4. ₹71,391

Q.15 What is the name of the organisation that collaborated with Sterlite Technologies Limited (STL) to test India's first Quantum Key Distribution (QKD) transmission in 2025?

- Ans**
- ☐ 1. Centre for Development of Advanced Computing (C-DAC)
 - ☐ 2. National Institute of Technology (NIT)
 - ☒ 3. Centre for Development of Telematics (C-DOT)
 - ☐ 4. Indian Institute of Technology (IIT)

Q.16 Which of the following is NOT a physiographic subdivision of the Northern Plains of India?

- Ans**
- ☒ 1. Vindhyan Plateau
 - ☐ 2. Khadar
 - ☐ 3. Tarai Tract
 - ☐ 4. Bhangar

Q.17 The mean and standard deviation of 100 terms are 50 and 3, respectively. The sum of squares of the 100 terms is:

- Ans**
- ☐ 1. 2,49,000
 - ☒ 2. 2,50,900
 - ☐ 3. 2,70,000
 - ☐ 4. 2,50,000

Q.18 Which of the following cities is located in a rain-shadow region in India?

- Ans**
- ☐ 1. Goa
 - ☐ 2. Shillong
 - ☐ 3. Cochin
 - ☒ 4. Pune

Q.19 Anaimudi, the highest peak in South India, is located at the tri-junction of which three hill ranges?

- Ans**
- ☐ 1. Mahadeo Hills, Maikala Range, Rajpipla Hills
 - ☐ 2. Nilgiri Hills, Western Ghats, Eastern Ghats
 - ☒ 3. Annamalai Range, Cardamom Hills, Palani Hills
 - ☐ 4. Rajmahal Hills, Garo Hills, Khasi Hills

Q.20 Where was the 14th edition of the India-Russia bilateral naval exercise INDRA-2025 conducted?

- Ans**
- ☐ 1. Kochi
 - ☒ 2. Chennai
 - ☐ 3. Mumbai
 - ☐ 4. Visakhapatnam

Q.21 What is the rank of India in the Climate Change Performance Index 2025 published by Germanwatch, New Climate Institute, and Climate Action Network International?

- Ans**
- ☐ 1. 12th
 - ☐ 2. 15th
 - ☒ 3. 10th
 - ☐ 4. 8th

Q.22 If $7.4 : 3.7 :: 3.7 : x$, then find the value of x .

- Ans**
- ☐ 1. 0.58
 - ☐ 2. 5.27
 - ☒ 3. 1.85
 - ☐ 4. 6.88

Q.23 Three numbers are in the ratio $8 : 2 : 1$, and their LCM is 7552. Their HCF is:

- Ans**
- ☐ 1. 486
 - ☒ 2. 472
 - ☐ 3. 502
 - ☐ 4. 456

Q.24 Who signed the Poona Pact of 1932 on behalf of Mahatma Gandhi, as he was imprisoned at the time?

- Ans**
- ☒ 1. Jawaharlal Nehru
 - ☒ 2. Pt. Madan Mohan Malviya
 - ☐ 3. Dr. Rajendra Prasad
 - ☐ 4. Sardar Vallabhbhai Patel

Q.25 If 5 times A's age is added to B's age, the sum is 95 years. If 2.2 times B's age is added to A's age, the sum is 63 years. What is B's age (in years)?

- Ans**
- ☐ 1. 19
 - ☒ 2. 22
 - ☐ 3. 25
 - ☐ 4. 21

Q.26 Rahul marks the price of his article 64% more than its cost price. If he sells the article for ₹59,860 after allowing a discount of 50%, then what will be the cost price (in ₹) of the article?

- Ans**
- ☐ 1. 72,999
 - ☐ 2. 73,001
 - ☐ 3. 72,997
 - ☒ 4. 73,000

Q.27 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	*	2	5	7	\$	+	8	%	#	9	&	6	\$	4
Code	H	D	O	A	B	P	B	Q	Z	Y	R	B	U	F

Conditions:

If the first element is a symbol and the last an odd number, the codes for these two (the first and the last elements) are to be interchanged.

If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.

If both second and third elements are perfect cubes, the third element is to be coded as the code for the second element.

What will be the code for the following group?

8 9 \$

- Ans**
- ☐ 1. ZYYU
 - ☐ 2. UBYZ
 - ☐ 3. ZBBU
 - ☒ 4. ZBYU

Q.28 Due to decrease in manpower, the production in a factory decreases by 20%. By what percentage should the working hours be increased to restore the original production?

- Ans**
- ☒ 1. 25%
 - ☐ 2. 40%
 - ☐ 3. 80%
 - ☐ 4. 20%

Q.29 Train A running at a speed of 99 km/hr takes 46 seconds to completely cross train B running at 72 km/hr in the opposite direction. The length of train B is 1.5 times the length of train A. Train B crosses a bridge completely in 82 seconds. The length of the bridge (in m) is:

- Ans**
- ☐ 1. 424
 - ☒ 2. 329
 - ☐ 3. 426
 - ☐ 4. 369

Q.30 Which Indian state receives rainfall from both, the Southwest and Northeast monsoons?

- Ans**
- ☐ 1. Maharashtra
 - ☒ 2. Tamil Nadu
 - ☐ 3. Gujarat
 - ☐ 4. Bihar

Q.31 How are the Himalayan ranges oriented in Arunachal Pradesh?

- Ans**
- ☒ 1. Southwest to northwest
 - ☐ 2. Northwest to southeast
 - ☐ 3. North to south
 - ☐ 4. East to west

Q.32 Find a single discount (rounded up to two decimal places) to equal three consecutive discounts of 29%, 28% and 13%.

- Ans**
- ☒ 1. 55.53%
 - ☐ 2. 57.27%
 - ☐ 3. 58.85%
 - ☐ 4. 56.92%

Q.33 What should come in place of the question mark (?) in the given series?

61 54 61 47 61 40 61 ?

- Ans**
- ☐ 1. 37
 - ☒ 2. 33
 - ☐ 3. 40
 - ☐ 4. 31

Q.34 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 6193425, how many digits will appear more than once in the new number thus formed?

- Ans**
- ☒ 1. Two
 - ☐ 2. Three
 - ☐ 3. None
 - ☐ 4. One

Q.35 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: OJR :: QLT : %

- Ans**
- ☐ 1. # = NIQ, % = RNU
 - ☐ 2. # = NIR, % = RMU
 - ☒ 3. # = NIQ, % = RMU
 - ☐ 4. # = NIQ, % = RMV

Q.36 Which Article of the Constitution of India states about the directive for the state to secure a social order for the promotion of welfare of the people?

- Ans**
- ☒ 1. Article 38
 - ☐ 2. Article 39
 - ☐ 3. Article 40
 - ☐ 4. Article 37

Q.37 Where was the World Sustainable Development Summit (WSDS) held in March 2025?

- Ans**
- ☐ 1. Mumbai, India
 - ☐ 2. Bengaluru, India
 - ☐ 3. Hyderabad, India
 - ☒ 4. New Delhi, India

Q.38 Which of the following is NOT considered one of the significant cause for the Revolt of 1857?

- Ans**
- ☐ 1. Policy of Doctrine of Lapse
 - ☒ 2. Policies of British favouring sati, female infanticide and widow re-marriage
 - ☐ 3. Lack of contact between the ruler and the ruled
 - ☐ 4. Introduction of greased cartridge

Q.39 Seven people, D, E, F, G, Q, R and S, are sitting in a row facing north. No one sits to the left of F. Only four people sit between F and D. Only three people sit to the right of Q. G sits to the immediate left of S. E is not an immediate neighbour of Q. Who sits at the rightmost end of the line?

- Ans**
- ☐ 1. F
 - ☐ 2. D
 - ☐ 3. S
 - ☒ 4. E

Q.40 This question is based on the five, three-digit numbers given below.

(Left) 823 664 309 431 175 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is added to the third digit of the lowest number?

- Ans**
- ☐ 1. 16
 - ☐ 2. 12
 - ☐ 3. 14
 - ☒ 4. 13

Q.41 A shopkeeper expects a gain of 30% on his cost price. If, in a week, his sales proceeds were ₹2,938, what was his profit (in ₹)?

- Ans**
- ☒ 1. 678
 - ☐ 2. 679
 - ☐ 3. 676
 - ☐ 4. 680

Q.42 Which of the following statements about primary and secondary memory is correct in a computer system?

- Ans
- ☐ 1. Secondary memory is volatile, meaning data is lost when power is turned off, while primary memory is non-volatile and retains data.
 - ☐ 2. Both primary and secondary memory are directly accessible by the CPU for processing instructions.
 - ☒ 3. Primary memory is faster but has lower storage capacity, while secondary memory is slower but provides large storage capacity.
 - ☐ 4. Primary memory is used for long-term storage, while secondary memory is used for temporary storage of data.

Q.43 In which year did the government notify the New Public Sector Enterprise (PSE) Policy for Atma Nirbhar Bharat, that provides overall guidance on strategic disinvestment, and intends to minimise the presence of Government in PSEs across all sectors of economy?

- Ans
- ☐ 1. 2023
 - ☐ 2. 2025
 - ☒ 3. 2021
 - ☐ 4. 2024

Q.44 Under the PM E-DRIVE Scheme, which of the following vehicle categories are NOT eligible for demand incentives?

- Ans
- ☐ 1. Electric three-wheelers for commercial use
 - ☐ 2. Electric trucks with valid scrapping certificates
 - ☐ 3. Electric two-wheelers with advanced batteries
 - ☒ 4. Electric three-wheelers used for personal use

Q.45 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans
- ☒ 1. JD-OW
 - ☐ 2. BV-GN
 - ☐ 3. UO-ZG
 - ☐ 4. WQ-BI

Q.46 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 571649, what will be the sum of the last three digits from the left in the new number thus formed?

- Ans
- ☐ 1. 24
 - ☒ 2. 22
 - ☐ 3. 14
 - ☐ 4. 18

Q.47 In a certain code language,
'A + B' means 'A is the sister of B'
'A - B' means 'A is the brother of B'
'A × B' means 'A is the wife of B'
'A ÷ B' means 'A is the father of B'

Based on the above, how is M related to Q if 'M × N ÷ O - P + Q'?

- Ans
- ☐ 1. Daughter
 - ☒ 2. Mother
 - ☐ 3. Wife
 - ☐ 4. Sister

Q.48 What is the maximum percentage of reservation allowed for Economically Weaker Sections (EWS) under the 103rd Amendment Act, 2019?

- Ans**
- ☐ 1. 13%
 - ☐ 2. 18%
 - ☒ 3. 10%
 - ☐ 4. 5%

Q.49 The Ministry of Statistics & Programme Implementation (MoSPI) releases the Index of Industrial Production (IIP) at which of the following time intervals?

- Ans**
- ☒ 1. Monthly
 - ☐ 2. Quarterly
 - ☐ 3. Half yearly
 - ☐ 4. Weekly

Q.50 The ratio of numbers of girls and boys participating in sports of a school is 1 : 5. If the number of girls is 201, determine the number of boys participating in the sports.

- Ans**
- ☐ 1. 1035
 - ☐ 2. 1025
 - ☒ 3. 1005
 - ☐ 4. 980

Q.51 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

YSM CWQ GAU KEY ?

- Ans**
- ☒ 1. OIC
 - ☐ 2. COI
 - ☐ 3. OCI
 - ☐ 4. CIO

Q.52 The roots of the quadratic equation $9x^2 - 9x + 1 = 0$ are:

- Ans**
- ☐ 1. $\frac{(-9 + \sqrt{45})}{9}$ & $\frac{(9 + \sqrt{45})}{4.5}$
 - ☐ 2. $\frac{(9 + \sqrt{45})}{4.5}$ & $\frac{(9 - \sqrt{45})}{4.5}$
 - ☒ 3. $\frac{(9 + \sqrt{45})}{18}$ & $\frac{(9 - \sqrt{45})}{18}$
 - ☐ 4. $\frac{(-9 + \sqrt{45})}{9}$ & $\frac{(-9 - \sqrt{45})}{9}$

Q.53 In a certain code language, 'PREY' is coded as '6482' and 'YOLK' is coded as '3671'. What is the code for 'Y' in the given code language?

- Ans**
- ☐ 1. 2
 - ☐ 2. 3
 - ☐ 3. 1
 - ☒ 4. 6

Q.54 M, N, O, S, T and U live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. T lives on the topmost floor. Only three people live between T and N. O lives on a floor below N. S lives on an even numbered floor. U lives on an odd numbered floor but not on floor number 5. How many people live between M and N?

- Ans**
- ☐ 1. One
 - ☒ 2. Two
 - ☐ 3. Four
 - ☐ 4. Three

Q.55 What kind of tools were mainly used by the Harappans?

- Ans**
- ☐ 1. Wooden tools
 - ☒ 2. Bronze tools
 - ☐ 3. Steel tools
 - ☐ 4. Iron tools

Q.56 Shekhar Kapur received the Padma Bhushan in 2025 for his work in which field?

- Ans**
- ☒ 1. Art
 - ☐ 2. Science
 - ☐ 3. Literature
 - ☐ 4. Medicine

Q.57 In a quadrilateral ABCD, $\angle A = 53^\circ$ and $\angle B = 46^\circ$. The bisectors of $\angle C$ and $\angle D$ meet at O. What is the measure of $\angle DOC$?

- Ans**
- ☒ 1. 49.5°
 - ☐ 2. 60.5°
 - ☐ 3. 44.5°
 - ☐ 4. 46.5°

Q.58 If $a^2 + b^2 = 83$, $a \times b = 6$, and $a > b$, find $\frac{a - b}{a + b}$.

- Ans**
- ☐ 1. $\sqrt{\frac{62}{95}}$
 - ☒ 2. $\sqrt{\frac{71}{95}}$
 - ☐ 3. $\frac{71}{95}$
 - ☐ 4. $\frac{62}{95}$

Q.59 What was the category of India as per the Global Hunger Index score in 2024 that shows the severity of hunger in a country?

- Ans**
- ☐ 1. Alarming
 - ☐ 2. Moderate
 - ☒ 3. Serious
 - ☐ 4. Low

Q.60 Calculate the volume of the cube having a total surface area of 216 cm^2 .

Ans ☒ 1. 216 cm^3

☐ 2. 343 cm^3

☐ 3. 180 cm^3

☐ 4. 125 cm^3

Q.61 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans ☒ 1. LRN

☐ 2. SYT

☐ 3. QWR

☐ 4. NTO

Q.62 Town G is to the south of Town H. Town I is to the east of Town H. Town J is to the west of Town I. Town K is to the north of Town J. Town G is to the south-east of Town K. What is the position of Town H with respect to Town J?

Ans ☐ 1. North

☐ 2. West

☐ 3. South

☒ 4. East

Q.63 Which of the following is NOT one of the primary tones used in Vedic chanting?

Ans ☐ 1. Svarita

☒ 2. Mandrata

☐ 3. Udatta

☐ 4. Anudaatta

Q.64 Per capita income is an indicator of economic development. What happened to India's per capita income post 1991 economic reforms?

Ans ☐ 1. Became negative

☐ 2. Remained stagnant

☒ 3. Rose significantly

☐ 4. Declined sharply

Q.65 Each of C, D, E, F, S, T and U has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. No one has an exam before D. Only three people have their exams between D and T. Only one person has the exam between T and S. C has the exam on Wednesday. E has the exam on one of the days after F but on one of the days before U. On which day of the week does E have the exam?

Ans ☐ 1. Monday

☐ 2. Saturday

☒ 3. Thursday

☐ 4. Tuesday

Q.66 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: TVS :: IKH : %

- Ans**
- ☐ 1. # = KNV, % = FXC
 - ☒ 2. # = WVY, % = FHE
 - ☐ 3. # = WOZ, % = UQE
 - ☐ 4. # = IOV, % = WEE

Q.67 Find the volume (in cm^3) of a hemispherical cap having a radius of 24 cm.

- Ans**
- ☐ 1. 9212π
 - ☐ 2. 9208π
 - ☐ 3. 9220π
 - ☒ 4. 9216π

Q.68 The average score of 50 students in a class test is 45. Later, it was found that in one instance, a score of 25 was wrongly recorded as 35, and in another instance, a score of 30 was wrongly recorded as 28. Find the actual average score of the class.

- Ans**
- ☒ 1. 44.84
 - ☐ 2. 44.64
 - ☐ 3. 44.56
 - ☐ 4. 43.86

Q.69 In MS Word 2019, if you want to select an entire paragraph quickly, which of the following actions should you perform?

- Ans**
- ☐ 1. Right-click and choose 'Paragraph' from the available menu options.
 - ☐ 2. Double-click anywhere in the paragraph.
 - ☒ 3. Triple-click on any word within the paragraph.
 - ☐ 4. Press and hold Alt while clicking the paragraph.

Q.70 Simplify:

$$\frac{8^2 \times 7^3}{\sqrt{64} \times \sqrt{2401}}$$

- Ans**
- ☐ 1. 47
 - ☒ 2. 56
 - ☐ 3. 58
 - ☐ 4. 57

Q.71 In which of the following Australian cities did the Indian External Affairs Minister inaugurate India's 4th consulate in November 2024?

- Ans**
- ☐ 1. Melbourne
 - ☐ 2. Perth
 - ☒ 3. Brisbane
 - ☐ 4. Sydney

Q.72 A man receives ₹2,580 per month as salary. He saves 45% of his salary every month. His expenditure per month is:

- Ans**
- ☒ 1. ₹1,419
 - ☐ 2. ₹1,455
 - ☐ 3. ₹1,399
 - ☐ 4. ₹1,517

Q.73 Simplify: $25 \div \left\{ 7 \times \left(\frac{3}{5} \text{ of } \frac{5}{9} \right) \right\}$

- Ans
- ☐ 1. $\frac{85}{7}$
 - ☒ 2. $\frac{75}{7}$
 - ☐ 3. $\frac{73}{7}$
 - ☐ 4. $\frac{68}{7}$

Q.74 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 2 6 % 2 6 4 € 7 * 9 \$ 3 € 6 1 2 @ 8 % € 9 2 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans
- ☐ 1. 0
 - ☐ 2. 3
 - ☐ 3. 2
 - ☒ 4. 1

Q.75 D, E, F, G, M, N and O are sitting around a circular table, facing the centre of the table. N sits to the immediate left of D. G sits to the immediate left of E. E sits second to the left of O. F sits third to the left of D. Who sits fourth to the right of M?

- Ans
- ☐ 1. D
 - ☐ 2. G
 - ☒ 3. O
 - ☐ 4. F

Q.76 Lothal was important for _____ during the Indus Valley Civilization.

- Ans
- ☐ 1. military base
 - ☒ 2. maritime trade
 - ☐ 3. spiritual rituals
 - ☐ 4. copper mining

Q.77 The average of eight numbers is 15. The average of five of these numbers is 18. The average of the remaining three numbers is:

- Ans
- ☒ 1. 10
 - ☐ 2. 12
 - ☐ 3. 9
 - ☐ 4. 11

Q.78 Mr. P starts from Point C and drives 5 km towards the west. He then takes a left turn, drives 6 km, turns left and drives 8 km. He then takes a right turn, drives 2 km, turns left and drives 4 km. He then takes left turn and drives 12 km. He takes a final left turn drives 7 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point C again? (All turns are 90 degree turns only unless specified.)

- Ans
- ☒ 1. 4 km towards the south
 - ☐ 2. 2 km towards the east
 - ☐ 3. 2 km towards the west
 - ☐ 4. 4 km towards the north

Q.79 What happens when you press F5 in MS PowerPoint 2019?

- Ans**
- ☐ 1. Opens the 'Print' dialog box
 - ☐ 2. Saves the presentation
 - ☒ 3. Starts the slide show from the beginning
 - ☐ 4. Inserts a new slide

Q.80 'Adhai Din Ka Jhonpra' in Ajmer was built in the period of which of the following dynasties?

- Ans**
- ☐ 1. Tughlaq dynasty
 - ☒ 2. Slave Dynasty
 - ☐ 3. Khailji dynasty
 - ☐ 4. Lodhi dynasty

Q.81 Nirmal invested ₹1,380 at 3% per annum simple interest in a bank. What amount (in ₹) will he get after 3 years?

- Ans**
- ☐ 1. 1,404.2
 - ☐ 2. 124.2
 - ☐ 3. 224.2
 - ☒ 4. 1,504.2

Q.82 The median of the observations 93, 38, 12, 55, 70, 98, 60, 49, 53, 11 and 38 is:

- Ans**
- ☐ 1. 55
 - ☐ 2. 49
 - ☒ 3. 53
 - ☐ 4. 60

Q.83 Which Article of the Constitution of India prohibits the State from discriminating against the use of wells, tanks and places of public entertainment?

- Ans**
- ☐ 1. Article 17
 - ☐ 2. Article 18
 - ☒ 3. Article 15
 - ☐ 4. Article 16

Q.84 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
5 - 6 - 10 - 20 ; 12 - 13 - 17 - 34

- Ans**
- ☒ 1. 17 - 18 - 22 - 44
 - ☐ 2. 23 - 24 - 28 - 54
 - ☐ 3. 7 - 8 - 12 - 26
 - ☐ 4. 15 - 16 - 20 - 30

Q.85 MP 14 is related to LS -1 in a certain way. In the same way, NK 5 is related to MN -10. To which of the given options is SW -1 related, following the same logic?

- Ans**
- ☒ 1. RZ -16
 - ☐ 2. VC -13
 - ☐ 3. TR -18
 - ☐ 4. VW -20

Q.86 In the context of the Panchayati Raj system in India, what does the term 'Village Panchayat' refer to?

- Ans**
- ☐ 1. An urban municipal corporation
 - ☒ 2. Local government at the village level
 - ☐ 3. A district-level administrative body
 - ☐ 4. A block-level committee

Q.87 In the 1892 Indian Councils Act, the British government introduced certain reforms in response to Indian demands. Which of the following was a significant provision of this Act?

- Ans**
- ☐ 1. Establishment of a separate electorate for Muslims
 - ☒ 2. Provision for Indian representation in the Imperial Legislative Council
 - ☐ 3. Introduction of direct elections for legislative councils
 - ☐ 4. Granting full self-governance to Indian provinces

Q.88 Simplify the given expression.

$$(5z - 9y)^2 + (9z + 5y)^2 - 81z^2$$

- Ans**
- ☐ 1. $15z^2 + 103y^2$
 - ☐ 2. $16z^2 + 114y^2$
 - ☒ 3. $25z^2 + 106y^2$
 - ☐ 4. $30z^2 + 105y^2$

Q.89 Find the co-ordinates of the centroid of a triangle whose vertices are A(1, 4), B(7, 8) and C(10, 12).

- Ans**
- ☐ 1. (7, 8)
 - ☒ 2. (6, 8)
 - ☐ 3. (6, 9)
 - ☐ 4. (7, 9)

Q.90 The Michaelis-Menten constant (K_m) of an enzyme is defined as:

- Ans**
- ☐ 1. The maximum reaction rate (V_{max})
 - ☐ 2. The enzyme concentration required for half-maximal catalysis
 - ☒ 3. The substrate concentration at which the reaction rate is half of V_{max}
 - ☐ 4. The inhibitor concentration that reduces enzyme activity by 50%

Q.91 What should come in place of the question mark (?) in the given series?

972 970 966 960 952 ?

- Ans**
- ☐ 1. 940
 - ☐ 2. 438
 - ☐ 3. 941
 - ☒ 4. 942

Q.92 Which element of the MS Excel interface displays the name of the currently active cell or the selected range of cells?

- Ans**
- ☐ 1. The Ribbon
 - ☐ 2. The Status Bar
 - ☒ 3. The Name Box
 - ☐ 4. The Formula Bar

Q.93 If 'P' stands for '+', 'Q' stands for '×', 'R' stands for '+' and 'S' stands for '-', then the resultant of which of the following would be 200?

- Ans**
- ☐ 1. 64 Q 16 P 60 R 32 S 8
 - ☒ 2. 64 P 16 S 60 R 32 Q 8
 - ☐ 3. 64 R 16 Q 32 S 60 P 8
 - ☐ 4. 64 S 16 R 60 P 32 Q 8

Q.94 Who among the following will be the 25th Chief Justice of India in May 2025?

- Ans**
- ☐ 1. Justice Sudhanshu Dhulia
 - ☐ 2. Justice Prashant Kumar Mishra
 - ☐ 3. Justice Pamidighantam Sri Narasimha
 - ☒ 4. Justice Bhushan Ramkrishna Gava

Q.95 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 3678154, what will be difference between the highest and lowest digits in the number thus formed?

- Ans**
- ☐ 1. 7
 - ☐ 2. 4
 - ☐ 3. 5
 - ☒ 4. 6

Q.96 This question is based on the five, three-digit numbers given below.

(Left) 983 986 481 941 167 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is subtracted from the first digit of the lowest number?

- Ans**
- ☒ 1. -5
 - ☐ 2. -4
 - ☐ 3. -2
 - ☐ 4. -6

Q.97 Which group did iodine belong to in Mendeleev's table?

- Ans**
- ☐ 1. Group VIII
 - ☐ 2. Group VI
 - ☐ 3. Group V
 - ☒ 4. Group VII

Q.98 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: NQP :: HKJ : %

- Ans**
- ☐ 1. # = YTS, % = EUG
 - ☒ 2. # = QTS, % = EHG
 - ☐ 3. # = OMS, % = ERG
 - ☐ 4. # = QTO, % = EEG

Q.99 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

JLO HJM FHK DFI ?

- Ans**
- ☒ 1. BDH
 - ☒ 2. BDG
 - ☒ 3. BEG
 - ☒ 4. BEH

Q.100 A tap fills a cistern in 14 hours. Another tap empties the full tank in 18 hours. How long (in hours) will it take to fill the tank completely, if the tank is empty and both the taps are open together?

- Ans**
- ☒ 1. 63
 - ☒ 2. 65
 - ☒ 3. 66
 - ☒ 4. 64



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	Aadarsh Pariksha Kendra - Shastri Nagar Patna
Test Date	12/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans
- ☒ 1. IA - NR
 - ☒ 2. BT - GK
 - ☒ 3. KC - PT
 - ☒ 4. DV - IN

Q.2 On selling a stool for ₹8,378, the value of gain is 20% more than the value of loss incurred on selling it for ₹1,756. In order to gain 50%, find the selling price (in ₹).

- Ans
- ☒ 1. 7,148
 - ☒ 2. 7,149
 - ☒ 3. 7,150
 - ☒ 4. 7,151

Q.3 Which Article of the Constitution of India prevents any child below the age of 14 years from being employed in the factory, mine or hazardous occupation?

- Ans
- ☒ 1. Article 24
 - ☒ 2. Article 19
 - ☒ 3. Article 23
 - ☒ 4. Article 21

Q.4 RR 14 is related to UN 3 in a certain way. In the same way, BV 10 is related to ER -1. To which of the given options is PE 1 related, following the same logic?

- Ans
- ☒ 1. RI 8
 - ☒ 2. PV 2
 - ☒ 3. SA -10
 - ☒ 4. VS -9

Q.5 In March 2025, India launched 'Operation Brahma' in response to which event?

- Ans
- ☒ 1. A cyclone affecting the eastern coast of India
 - ☒ 2. A major flood in northeastern India
 - ☒ 3. A devastating earthquake in Myanmar
 - ☒ 4. A volcanic eruption in the Andaman Islands

Q.6 Where was the central celebration of Parakram Diwas, held in January 2025, to mark Subhas Chandra Bose's 128th birth anniversary?

- Ans**
- ✓ 1. Barabati Fort, Cuttack, Odisha
 - ✗ 2. Netaji Bhawan, Kolkata, West Bengal
 - ✗ 3. Red Fort, New Delhi, Delhi
 - ✗ 4. Victoria Memorial, Kolkata, West Bengal

Q.7 If 'W' stands for '+', 'X' stands for '×', 'Y' stands for '+' and 'Z' stands for '-', then the resultant of which of the following would be 908?

- Ans**
- ✗ 1. 128 Z 32 X 120 Y 64 Z 16
 - ✗ 2. 128 X 32 Y 120 Z 64 W 16
 - ✓ 3. 128 W 32 Z 120 Y 64 X 16
 - ✗ 4. 128 Y 32 Z 120 X 64 W 16

Q.8 In October 2024, the Mediation Act, 2023 came into force. What is a key feature introduced by this legislation?

- Ans**
- ✗ 1. It mandates that all mediation proceedings must be conducted only by retired judges.
 - ✗ 2. It makes mediation compulsory for all civil and commercial disputes before court proceedings.
 - ✗ 3. It abolishes the role of mediators in public sector disputes.
 - ✓ 4. It replaces arbitration and conciliation with mediation as the sole dispute resolution method.

Q.9 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

EA-GC-JL
 GC-IE-LN

- Ans**
- ✗ 1. LG-MI-PS
 - ✓ 2. KG-MI-PR
 - ✗ 3. LG-MJ-PS
 - ✗ 4. KG-MI-PS

Q.10 In this question, a group of letters is coded by using numbers and symbols as per the table given below and the conditions which follow.

Letter	U	M	S	J	P	T	F	E	A
Code	7	4	@	\$	%	*	6	2	3

Conditions:

1. If the 1st letter is a vowel and the 3rd letter is a consonant, both to be coded as the code of the consonant.
2. If the 1st and last letters are vowels, both are to be coded as 'N'.
3. If the 2nd and last letters are vowels, their codes are to be interchanged.

What is the correct combination of codes (by following only the applicable condition(s)) for the following letters?
 UJEP A

- Ans**
- ✓ 1. N \$ 2 % N
 - ✗ 2. N \$ 2 % 3
 - ✗ 3. 7 \$ 2 % 3
 - ✗ 4. 7 \$ 2 % N

Q.11 A rectangular tin sheet is 32 cm long and 14 cm wide. It is rolled along its length to form a cylinder, with opposite edges just touching each other. Find the volume (in cm^3) of the cylinder.

- Ans
- ☐ 1. $\frac{3585}{\pi}$
 - ☐ 2. $\frac{3582}{\pi}$
 - ☐ 3. $\frac{3588}{\pi}$
 - ☒ 4. $\frac{3584}{\pi}$

Q.12 What should come in place of the question mark (?) in the given series?

43 27 43 41 43 55 43 ?

- Ans
- ☒ 1. 69
 - ☐ 2. 73
 - ☐ 3. 77
 - ☐ 4. 43

Q.13 According to the Economic Survey 2023-24, what percentage of India's population is expected to reside in urban areas by 2030?

- Ans
- ☐ 1. 35%
 - ☐ 2. 50%
 - ☒ 3. 40%
 - ☐ 4. 45%

Q.14 A cylinder is made by rolling a rectangular paper along its breadth. Find the curved surface area of the cylinder, if the length and breadth of the rectangle are 12 m and 7.48 m, respectively. (Use $\pi = \frac{22}{7}$)

- Ans
- ☐ 1. 100.24 m^2
 - ☐ 2. 98.66 m^2
 - ☒ 3. 89.76 m^2
 - ☐ 4. 44.88 m^2

Q.15 When were the Municipal Corporations of Calcutta and Bombay established?

- Ans
- ☐ 1. 1919
 - ☐ 2. 1850
 - ☒ 3. 1726
 - ☐ 4. 1882

Q.16 For what values of b, the quadratic equation $4x^2 + bx + 16 = 0$ has equal real roots?

- Ans
- ☐ 1. 8 and -8
 - ☒ 2. 16 and -16
 - ☐ 3. -4 and -8
 - ☐ 4. 4 and -4

Q.17 A shopkeeper marks the price of an article at ₹5,180. Find the cost price if after allowing a discount of 31% he still gains 5% on the cost price.

- Ans**
- ☐ 1. ₹3,470
 - ☐ 2. ₹3,376
 - ☐ 3. ₹3,387
 - ☒ 4. ₹3,404

Q.18 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

Some trees are flowers.

All flowers are beautiful.

Some beautiful are girls.

Conclusions:

(I) Some flowers are trees.

(II) Some beautiful are flowers.

- Ans**
- ☐ 1. Only conclusion (I) follows.
 - ☐ 2. Neither conclusion (I) nor (II) follows.
 - ☒ 3. Both conclusions (I) and (II) follow.
 - ☐ 4. Only conclusion (II) follows.

Q.19 How much will a sum of ₹72,000 become after one year if the interest is compounded half-yearly at 10% per annum compound interest?

- Ans**
- ☒ 1. ₹79,380
 - ☐ 2. ₹80,378
 - ☐ 3. ₹79,510
 - ☐ 4. ₹78,632

Q.20 What is the region lying to the north of the Narmada River called?

- Ans**
- ☒ 1. Central Highlands
 - ☐ 2. Deccan Plateau
 - ☐ 3. Chota Nagpur Plateau
 - ☐ 4. Eastern Ghats

Q.21 In March 2025, which region was announced as the site for the world's first high-altitude para sports centre to boost preparations for the 2028 Paralympics?

- Ans**
- ☒ 1. Leh, Ladakh
 - ☐ 2. Manali, Himachal Pradesh
 - ☐ 3. Auli, Uttarakhand
 - ☐ 4. Kargil, Ladakh

Q.22 What is the temperature of the triple point of water on the Celsius scale?

- Ans**
- ☐ 1. -273.15°C
 - ☐ 2. 100°C
 - ☒ 3. 0.01°C
 - ☐ 4. 0°C

Q.23 A, B, C, D, R, S and T are sitting around a circular table facing the centre of the table. S sits fourth to the left of C. R sits fourth to the right of A. Only two people sit between C and A when counted from the left of C. D is not an immediate neighbour of R or C. B is not an immediate neighbour of D. Who sits fourth to the right of T?

- Ans**
- ☒ 1. S
 - ☐ 2. C
 - ☐ 3. A
 - ☐ 4. R

Q.24 Samudrayaan, scheduled for 2026, involves which of the following?

- Ans**
- ☒ 1. Sending scientists 6,000 meters underwater
 - ☐ 2. Testing ocean-based launch platforms
 - ☐ 3. Launching underwater satellites
 - ☐ 4. Deep-sea mining using robots

Q.25 Ravi travels from City A to City B. If Ravi drives his car at $\frac{2}{7}$ of his 1
Find the time (in minutes) that Ravi would have taken to travel from C

- Ans**
- ☐ 1. 5
 - ☐ 2. 19
 - ☐ 3. 3
 - ☒ 4. 12

Q.26 Which reformer gave the slogan 'One God, One Caste'?

- Ans**
- ☐ 1. Narayana Guru
 - ☐ 2. Keshub Chandra Sen
 - ☒ 3. Jyotiba Phule
 - ☐ 4. Dayanand Saraswati

Q.27 Town N is to the east of Town O. Town P is to the north of Town N. Town Q is to the south of Town P. Town R is to the west of Town Q. Town O is to the north-east of Town R. What is the position of Town N with respect to Town Q?

- Ans**
- ☒ 1. North
 - ☐ 2. South
 - ☐ 3. West
 - ☐ 4. East

Q.28 Which of the following ports is located in West Coastal Plain?

- Ans**
- ☐ 1. Kolkata
 - ☐ 2. Paradip
 - ☒ 3. Mangalore
 - ☐ 4. Visakhapatnam

Q.29 M, N, O, P, Y and Z live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only three people live between Y and Z, where Y lives below Z. P lives on an odd numbered floor and immediately above Y. O lives on one of the floors below M and on one of the floors above N. Who lives on floor numbered 4?

- Ans**
- ☐ 1. Z
 - ☐ 2. M
 - ☒ 3. O
 - ☐ 4. P

Q.30 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

GM17, IO25, KQ33, MS41, ?

- Ans**
- ☒ 1. OU48
 - ☒ 2. OU49
 - ☒ 3. OV48
 - ☒ 4. OV49

Q.31 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 2 @ % * 2 7 4 8 € @ % © \$ 7 6 6 * \$ 7 £ 7 6 (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans**
- ☒ 1. 4
 - ☒ 2. 3
 - ☒ 3. 1
 - ☒ 4. 2

Q.32 A tap fills a cistern in 9 hours. Another tap empties the full tank in 90 hours. How long (in hours) will it take to fill twice the volume of the tank, if the tank is empty initially and both the taps are open together?

- Ans**
- ☒ 1. 20
 - ☒ 2. 15
 - ☒ 3. 5
 - ☒ 4. 10

Q.33 Which of the following is NOT a dimension measured by the Gender Inequality Index (GII)?

- Ans**
- ☒ 1. Labour market participation
 - ☒ 2. Access to clean drinking water
 - ☒ 3. Reproductive health
 - ☒ 4. Empowerment

Q.34 In January 2025, which filmmaker received the Satyajit Ray Lifetime Achievement Award?

- Ans**
- ☒ 1. Aparna Sen
 - ☒ 2. Shyam Benegal
 - ☒ 3. Anurag Kashyap
 - ☒ 4. Ramesh Sippy

Q.35 If the mode of the following data is 165, then what is the value of x?

Class	150-155	155-160	160-165	165-170	170-175
Frequency	23	25	37	x	28

- Ans**
- ☒ 1. 53
 - ☒ 2. 37
 - ☒ 3. 54
 - ☒ 4. 43

Q.36 Which file format is used for saving MS PowerPoint templates?

- Ans**
- ☐ 1. .pptx
 - ☐ 2. .ppsx
 - ☐ 3. .ppmx
 - ☒ 4. .potx

Q.37 What should come in place of the question mark (?) in the given series?

962 960 956 950 942 ?

- Ans**
- ☐ 1. 930
 - ☐ 2. 936
 - ☐ 3. 934
 - ☒ 4. 932

Q.38 According to NITI Aayog, what was the reduction in the Poverty Headcount Ratio in India from 2013-14 to 2022-23?

- Ans**
- ☐ 1. From 25% to 10%
 - ☐ 2. From 28% to 15%
 - ☒ 3. From 29.17% to 11.28%
 - ☐ 4. From 30% to 12.5%

Q.39 The Palk Strait separates India from which of the following countries?

- Ans**
- ☐ 1. Maldives
 - ☐ 2. Myanmar
 - ☐ 3. Bangladesh
 - ☒ 4. Sri Lanka

Q.40 DG 24 is related to WT 20 in a certain way based on the English alphabetical order. In the same way, IL 18 is related to BY 14. To which of the following is QT 30 related, following the same logic?

- Ans**
- ☐ 1. RU 26
 - ☐ 2. HF 28
 - ☐ 3. JG 34
 - ☒ 4. JG 26

Q.41 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$41 \div 19 + 448 \times 4 - 26 = ?$$

- Ans**
- ☐ 1. 699
 - ☐ 2. 691
 - ☒ 3. 693
 - ☐ 4. 696

Q.42 The average weight of 7 boys of a group is 54 kg. When a new boy joined the group, the average weight increased by 2 kg. Find the weight of the new boy.

- Ans**
- ☐ 1. 72 kg
 - ☐ 2. 77 kg
 - ☒ 3. 70 kg
 - ☐ 4. 74 kg

Q.43 The work 'Snowmelt Runoff Forecasting in Himalayan River Basin' has been taken up by the Central Water Commission (CWC) in association with ____.

- Ans**
- ☐ 1. Central Pollution Control Board
 - ☒ 2. National Remote Sensing Centre
 - ☐ 3. Indian Council of Agricultural Research
 - ☐ 4. Indian Space Research Organisation

Q.44 Which country took over the presidency of the G7 in January 2025?

- Ans**
- ☐ 1. Australia
 - ☐ 2. France
 - ☐ 3. Britain
 - ☒ 4. Canada

Q.45 In a certain code language,
'A + B' means 'A is the sister of B'
'A - B' means 'A is the brother of B'
'A × B' means 'A is the wife of B'
'A ÷ B' means 'A is the father of B'.

Based on the above, how is M related to Q if 'M ÷ N × O - P + Q'?

- Ans**
- ☐ 1. Wife's Brother
 - ☒ 2. Brother's Wife's Father
 - ☐ 3. Wife's Father
 - ☐ 4. Brother's Wife's Brother

Q.46 A vendor buys 42 laptop bags for ₹41,622 and sells them at 35 for ₹37,345. How many laptop bags should be bought and sold to earn a profit of ₹3,952?

- Ans**
- ☐ 1. 34
 - ☐ 2. 16
 - ☒ 3. 52
 - ☐ 4. 76

Q.47 The arithmetic mean of the observations 83, 17, 62, 87, 62, 96, 86, 92 and 90 is:

- Ans**
- ☒ 1. 75
 - ☐ 2. 79
 - ☐ 3. 74
 - ☐ 4. 85

Q.48 In quadrilateral PQRS, the bisectors of $\angle R$ and $\angle S$ meet at point T (inside the quadrilateral) and $\angle STR = 32.5^\circ$. If the ratio of $\angle P$ to $\angle Q$ is 4 : 9, then what is the difference between the measures of $\angle Q$ and $\angle P$?

- Ans**
- ☒ 1. 25°
 - ☐ 2. 24°
 - ☐ 3. 27°
 - ☐ 4. 28°

Q.49 Gopal bought 51 books at ₹1,120 per book from one shop and 45 books at ₹920 per book from another. What is the average price (in ₹) he paid per book?

- Ans**
- ☐ 1. 1,016.25
 - ☐ 2. 1,041.25
 - ☐ 3. 1,036.25
 - ☒ 4. 1,026.25

Q.50 Co-operative societies are primarily accountable to which of the following?

- Ans**
- ☒ 1. Co-operative Society Members
 - ☐ 2. Local Municipal Body
 - ☐ 3. Central Government
 - ☐ 4. Reserve Bank of India

Q.51 Which of the following ratios is the greatest?

- Ans**
- ☐ 1. 38 : 77
 - ☐ 2. 27 : 76
 - ☐ 3. 31 : 72
 - ☒ 4. 34 : 51

Q.52 Under what circumstance can the President of India dissolve the Lok Sabha before its normal term expires?

- Ans**
- ☐ 1. When the Supreme Court orders a dissolution
 - ☒ 2. On the recommendation of the Prime Minister
 - ☐ 3. After consulting a joint session of both Houses of Parliament
 - ☐ 4. Whenever the President wishes, without any conditions

Q.53 In a certain code language, 'WIND' is coded as '6482' and 'DOGS' is coded as '3671'. What is the code for 'D' in the given code language?

- Ans**
- ☐ 1. 1
 - ☒ 2. 6
 - ☐ 3. 2
 - ☐ 4. 3

Q.54 Mr. O starts from Point L and drives 3 km towards the south. He then takes a left turn, drives 3 km, turns right and drives 4 km. He then takes a left turn and drives 4 km. He takes a final left turn, drives 7 km and stops at Point M. How far (shortest distance) and towards which direction should he drive in order to reach Point L again? (All turns are 90 degree turns only unless specified.)

- Ans**
- ☐ 1. 4 km towards the south
 - ☐ 2. 3 km towards the north
 - ☒ 3. 7 km towards the west
 - ☐ 4. 7 km towards the east

Q.55 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $45 \div 12 - 75 \times 5 + 13 = ?$

- Ans**
- ☒ 1. 542
 - ☐ 2. 545
 - ☐ 3. 544
 - ☐ 4. 546

Q.56 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) £ % * 3 6 £ 1 © & 8 1 5 5 3 * # © 7 1 7 3 @ (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?

Ans ✓ 1. 1

✗ 2. 0

✗ 3. 3

✗ 4. 2

Q.57 Three numbers are in the ratio $\frac{5}{14} : \frac{16}{13} : \frac{20}{14}$. The difference between Find the largest number.

Ans ✓ 1. 40

✗ 2. 42

✗ 3. 39

✗ 4. 41

Q.58 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans ✓ 1. GNJ

✗ 2. JQL

✗ 3. PWR

✗ 4. MTO

Q.59 A swimmer can swim downstream at 37 km/hr and upstream at 27 km/hr. What is the speed of the swimmer in still water?

Ans ✗ 1. 26 km/hr

✓ 2. 32 km/hr

✗ 3. 31 km/hr

✗ 4. 33 km/hr

Q.60 Where was the 2024 Regional World Children's Day commemorated by UNICEF from 15 to 17 November?

Ans ✗ 1. Johannesburg, South Africa

✗ 2. Addis Ababa, Ethiopia

✓ 3. Victoria Falls, Zimbabwe

✗ 4. Nairobi, Kenya

Q.61 Shubham ranked 19th from the top and 46th from the bottom in his class. How many students are there in his class?

Ans ✗ 1. 65

✗ 2. 62

✗ 3. 63

✓ 4. 64

Q.62 The value of $57 + [5 + \{72 - (24 \div 6)\} \div 4]$ is:

- Ans
- ☐ 1. 81
 - ☐ 2. 82
 - ☐ 3. 89
 - ☒ 4. 79

Q.63 Where was the World Economic Forum Annual Meeting held in January 2025?

- Ans
- ☒ 1. Davos, Switzerland
 - ☐ 2. Geneva, Switzerland
 - ☐ 3. Zurich, Switzerland
 - ☐ 4. Basel, Switzerland

Q.64 Which programme of the Indian Government uses Socio-Economic and Caste Census (SECC) data for identifying beneficiaries?

- Ans
- ☐ 1. Mahatma Gandhi National Rural Employment Guarantee Act
 - ☐ 2. National Rural Health Mission
 - ☒ 3. Pradhan Mantri Awaas Yojana - Gramin
 - ☐ 4. Digital India

Q.65 Simplify: $(3z - 9y)^2 + (9z + 3y)^2 - 81z^2$

- Ans
- ☐ 1. $18z^2 + 91y^2$
 - ☐ 2. $3z^2 + 81y^2$
 - ☐ 3. $7z^2 + 95y^2$
 - ☒ 4. $9z^2 + 90y^2$

Q.66 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(25, 900, 18)
(23, 874, 19)

- Ans
- ☒ 1. (42, 1176, 14)
 - ☐ 2. (40, 807, 10)
 - ☐ 3. (30, 1147, 19)
 - ☐ 4. (49, 1575, 16)

Q.67 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.

REAL - LRAE - RLEA
MAKE - EMKA - MEAK

- Ans
- ☐ 1. HUGS - UHGS - SUGH
 - ☒ 2. COPE - ECPO - CEOP
 - ☐ 3. POUR - RPUO - PORU
 - ☐ 4. KEYS - SKEY - EYSK

Q.68 A person who spends 50% of his monthly income is able to save ₹7,056 per month. His monthly expenses (in ₹) are:

- Ans**
- ☒ 1. 7,056
 - ☐ 2. 6,987
 - ☐ 3. 7,039
 - ☐ 4. 7,024

Q.69 If (3, 2) are coordinates of the centroid of a triangle, whose vertices are (0, 4), (-2, 0) and (p, 2), then find the value of p.

- Ans**
- ☐ 1. 8
 - ☐ 2. 9
 - ☒ 3. 11
 - ☐ 4. 10

Q.70 What is the third proportional of $2x^2$ and $12xy$?

- Ans**
- ☐ 1. $73y^2$
 - ☐ 2. $71y^2$
 - ☐ 3. $74y^2$
 - ☒ 4. $72y^2$

Q.71 The Monetary Policy Committee (MPC) 2025 reduced the policy repo rate under the liquidity adjustment facility (LAF) by 25 basis points with immediate effect to ____.

- Ans**
- ☐ 1. 6.25 per cent
 - ☐ 2. 5.25 per cent
 - ☒ 3. 6.0 per cent
 - ☐ 4. 5.50 per cent

Q.72 What happens when you press Ctrl + S while working on a document in computer system?

- Ans**
- ☐ 1. Sends the document
 - ☐ 2. Starts a slide show
 - ☒ 3. Saves the current document
 - ☐ 4. Searches the document

Q.73 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. B lives on a floor that is a prime number. The product of floors on which B and D live is 3. Only 2 people live above C. F lives immediately below A. How many people live between A and C?

- Ans**
- ☐ 1. 3
 - ☒ 2. 1
 - ☐ 3. 4
 - ☐ 4. 2

Q.74 Which bacterial disease is specifically confirmed by a serological method?

- Ans**
- ☐ 1. Plague
 - ☐ 2. Pneumonia
 - ☐ 3. Diphtheria
 - ☒ 4. Typhoid

Q.75 Which of these is the westernmost inhabited village in India?

- Ans**
- ☐ 1. Tanot
 - ☒ 2. Ghuar Mota
 - ☐ 3. Lakhpat
 - ☐ 4. Koteswar

Q.76 The 'Drain of Wealth' theory, which highlighted the economic exploitation of India under British rule, was prominently advocated by whom?

- Ans**
- ☐ 1. Gopal Krishna Gokhale
 - ☐ 2. Bipin Chandra Pal
 - ☐ 3. Lala Lajpat Rai
 - ☒ 4. Dadabhai Naoroji

Q.77 If 20% of k is 10 less than 1200% of 10, then k is:

- Ans**
- ☐ 1. 530
 - ☐ 2. 510
 - ☒ 3. 550
 - ☐ 4. 590

Q.78 Which version of Windows introduced the Start menu?

- Ans**
- ☒ 1. Windows 95
 - ☐ 2. Windows 10
 - ☐ 3. Windows 7
 - ☐ 4. Windows XP

Q.79 Harappan seals were made mostly from which of the following?

- Ans**
- ☐ 1. Terracotta
 - ☐ 2. Iron
 - ☒ 3. Steatite
 - ☐ 4. Marble

Q.80 If $\sin^4\theta - \cos^4\theta = \frac{1}{2}$, find the value of $2\sin^2\theta - 1$.

- Ans**
- ☐ 1. $\frac{1}{\sqrt{2}}$
 - ☐ 2. 1
 - ☐ 3. $\frac{\sqrt{3}}{2}$
 - ☒ 4. $\frac{1}{2}$

Q.81 The cost of 15 pens and 6 pencils is ₹291. If the cost of a pen decreases by ₹9 and the cost of a pencil increases by ₹2, then the cost of 9 pens and 3 pencils is ₹75. What is the original cost of 12 pens and 3 pencils?

- Ans**
- ☐ 1. ₹158
 - ☐ 2. ₹161
 - ☐ 3. ₹157
 - ☒ 4. ₹159

Q.82 A cistern has a hole in the bottom through which the water is leaking. A tap can fill the cistern in 6 hours and the hole in the bottom can empty the fully filled cistern in 15 hours. If both the tap and the hole are open, then what will be the time taken to completely fill the empty cistern?

- Ans**
- ☐ 1. 14 hours
 - ☐ 2. 26.1 hours
 - ☐ 3. 22 hours
 - ☒ 4. 10 hours

Q.83 In Windows OS, which of the following actions will permanently delete a file without sending it to the Recycle Bin?

- Ans**
- ☐ 1. Press the Delete key
 - ☐ 2. Rename the file
 - ☒ 3. Press Shift + Delete
 - ☐ 4. Right-click and select Open

Q.84 What happens to magnetic fields when a material becomes superconducting and experiences the Meissner effect?

- Ans**
- ☒ 1. Magnetic fields are completely expelled from the interior of the material.
 - ☐ 2. Magnetic fields penetrate the material freely.
 - ☐ 3. Magnetic fields are increased in strength within the material.
 - ☐ 4. Magnetic fields are absorbed and stored inside the material.

Q.85 The famous 'Trimurti' sculpture is present in which of the following caves?

- Ans**
- ☐ 1. Ajanta caves
 - ☐ 2. Ellora caves
 - ☐ 3. Karle caves
 - ☒ 4. Elephanta caves

Q.86 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 8132574, how many digits will appear more than once in the new number thus formed?

- Ans**
- ☐ 1. 1
 - ☐ 2. 4
 - ☐ 3. 3
 - ☒ 4. 2

Q.87 'The Flying Apsara' painting is a masterpiece in which of the following caves?

- Ans**
- ☐ 1. Elephanta
 - ☐ 2. Ellora
 - ☒ 3. Ajanta
 - ☐ 4. Karle

Q.88 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Numb er/sy mbol	@	4	6	9	\$	+	3	%	#	7	&	5	\$	2
Code	L	V	C	M	K	P	B	Q	Z	Y	R	B	U	F

Conditions:

If the first element is a symbol and the last an odd number, the codes for these two (the first and the last elements) are to be interchanged.

If the first element is an odd number and the last an even number, the first and last elements are to be coded as @.

If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?

+ 6 # 5

- Ans**
- ✓ 1. BCZP
 - ✗ 2. PCCB
 - ✗ 3. PZZB
 - ✗ 4. PCZB

Q.89 Which of the following letter-number-clusters will replace the question mark (?) in the given series to make it logically complete?

VRO 6, UQN 11, TPM 16, SOL 21, ?

- Ans**
- ✗ 1. RPM 25
 - ✗ 2. PRN 26
 - ✗ 3. PQM 25
 - ✓ 4. RNK 26

Q.90 Two positive numbers differ by 2134. When the greater number is divided by the smaller number, the quotient is 2 and the remainder is 147. What is the HCF of the greater of the two given numbers and 4225?

- Ans**
- ✗ 1. 11
 - ✓ 2. 13
 - ✗ 3. 16
 - ✗ 4. 10

Q.91 If the eight-digit number 43377p08 is divisible by 8, then the maximum value of p is:

- Ans**
- ✗ 1. 7
 - ✗ 2. 6
 - ✓ 3. 8
 - ✗ 4. 4

Q.92 Mohan invested ₹1,320 at 6% per annum simple interest in a bank. What amount (in ₹) will he get after 6 years?

- Ans**
- ✗ 1. 575.2
 - ✗ 2. 475.2
 - ✗ 3. 1,695.2
 - ✓ 4. 1,795.2

Q.93 D, E, F, G, M, N and O are sitting around a circular table, facing the centre of the table. Only E sits between N and M. M sits third to the left of O. G sits to the immediate left of O. D is not an immediate neighbour of M. Who sits third to the left of F?

- Ans**
- ☒ 1. N
 - ☐ 2. D
 - ☐ 3. M
 - ☐ 4. E

Q.94 What type of majority is required to pass laws under Articles 2 and 3, as per Article 4(2) in Indian parliament?

- Ans**
- ☐ 1. Two-thirds majority
 - ☐ 2. State ratification
 - ☒ 3. Simple majority
 - ☐ 4. Special majority

Q.95 Which of the following was the final court of appeal for India under British rule?

- Ans**
- ☐ 1. Supreme Court at Calcutta
 - ☐ 2. Federal Court
 - ☒ 3. Privy Council in London
 - ☐ 4. House of Commons

Q.96 The Periplus of the Erythraean Sea was written in the:

- Ans**
- ☐ 1. 3rd century AD
 - ☐ 2. 5th century AD
 - ☐ 3. 2nd century BC
 - ☒ 4. 1st century AD

Q.97 Which of the following statements regarding the 2024 Delhi Assembly elections are correct?

1. The candidate who won the election with the largest margin belongs to BJP.
2. Parvesh Verma defeated Arvind Kejriwal in the New Delhi Assembly constituency and was elected as the Deputy Chief Minister of Delhi.
3. The Aam Aadmi Party (AAP) secured 22 seats in this election.
4. The Indian National Congress improved its seat tally compared to the previous election.

- Ans**
- ☐ 1. Only 1 and 4
 - ☐ 2. Only 1 and 3
 - ☒ 3. Only 2 and 3
 - ☐ 4. Only 2, 3 and 4

Q.98 In Windows XP, which component provides a graphical interface for users to open and access software programs and applications?

- Ans**
- ☐ 1. File Explorer
 - ☒ 2. Start Menu
 - ☐ 3. Control Panel
 - ☐ 4. Task Manager

Q.99 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) £ @ 5 6 3 © & 4 9 % * \$ \$ % 6 & # & € © 5 8 (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

- Ans**
- ☐ 1. 3
 - ☐ 2. 0
 - ☐ 3. 2
 - ☒ 4. 1

Q.100 The product of two consecutive positive integers is 247. If the smaller of these two integers is represented by x , which of the following will correspond to the equation for finding out the value of x ?

- Ans**
- ☒ 1. $x^2 + x - 247 = 0$
 - ☐ 2. $x^2 + x + 247 = 0$
 - ☐ 3. $x^2 - x - 247 = 0$
 - ☐ 4. $x^2 - x + 247 = 0$



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	iON Digital Zone iDZ 1 Sector 62
Test Date	12/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 A boat takes 75 minutes to go 62.3 km upstream. The ratio of the speed of the boat in still water to that of the stream is 3 : 2. How much total time (in hours) will the boat take to go 67.6 km upstream and 35.8 km downstream?

- Ans**
- ☒ 1. 0.6
 - ☒ 2. 4.1
 - ☒ 3. 2.4
 - ☒ 4. 1.5

Q.2 Which of the following statements with respect to Dividend Distribution Tax (DDT) in India is/are correct?

1. DDT was a tax on dividends paid to the shareholders of a company.
2. Budget 2025-26 has proposed to remove the DDT paid by the companies to investors.
3. DDT was removed to avoid double taxation of dividends and make the Indian Equity Market more attractive.

- Ans**
- ☒ 1. Only 2 and 3
 - ☒ 2. 1, 2 and 3
 - ☒ 3. Only 1 and 2
 - ☒ 4. Only 1 and 3

Q.3 In which Indian state are the Kachchh and Kathiawar coasts located?

- Ans**
- ☒ 1. Rajasthan
 - ☒ 2. Gujarat
 - ☒ 3. Goa
 - ☒ 4. Maharashtra

Q.4 If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then what will come in place of question mark (?) in the following equation?

$$43 \text{ D } 15 \text{ C } 7 \text{ B } 9 \text{ D } (28 \text{ A } 2) = ?$$

- Ans**
- ☒ 1. 83
 - ☒ 2. 77
 - ☒ 3. 64
 - ☒ 4. 92

Q.5 A vendor buys 44 laptop bags for ₹48,884 and sells them at 28 for ₹35,252. How many laptop bags should be bought and sold to earn a profit of ₹6,956?

- Ans**
- ☐ 1. 37
 - ☐ 2. 17
 - ☒ 3. 47
 - ☐ 4. 20

Q.6 The marked price of a bookshelf is ₹397, which is 28% above the cost price. If the profit percentage is 3%. Find the discount percentage (rounded off to two decimal places).

- Ans**
- ☐ 1. 18.13%
 - ☐ 2. 16.89%
 - ☒ 3. 19.53%
 - ☐ 4. 21.31%

Q.7 Which was the new scheme announced during Budget 2025-26 that targets 100 low-productivity districts and focuses on enhancing agricultural productivity, crop diversification, sustainable practices, irrigation and post-harvest storage?

- Ans**
- ☐ 1. Pradhan Mantri Fasal Bima Yojana
 - ☒ 2. Prime Minister Dhan-Dhaanya Krishi Yojana
 - ☐ 3. Pradhan Mantri Kisan Samman Nidhi
 - ☐ 4. Pradhan Mantri Kisan Sampada Yojana

Q.8 Two transversal lines S and T cut a set of distinct parallel lines. S cuts the parallel lines in points A, B, C and D and T cuts the parallel lines in points E, F, G and H. If AB = 5 cm, CD = 3 cm and EF = 15 cm, then the length (in cm) of GH is:

- Ans**
- ☐ 1. 4
 - ☐ 2. 8
 - ☒ 3. 9
 - ☐ 4. 6

Q.9 The subtropical jet stream plays a critical role in the withdrawal of the monsoon by which of the following?

- Ans**
- ☐ 1. Triggering cold air advection
 - ☐ 2. Replacing tropical easterlies
 - ☒ 3. Inducing subsidence over land
 - ☐ 4. Intensifying the ITCZ

Q.10 Seven people, I, J, K, L, O, P and Q are sitting in a row, facing north. No one sits to the left of J. Only four people sit between J and K. Only three people sit to the right of O. I sits to the immediate left of L. P is not an immediate neighbour of O. Who sits at the rightmost end of the line?

- Ans**
- ☒ 1. P
 - ☐ 2. L
 - ☐ 3. J
 - ☐ 4. I

- Q.11** A hollow spherical shell is made of a metal of density 11 g/cm^3 . Its internal and external radii are 3 cm and 6 cm, respectively. What is the weight (in kg) of the shell?

(Use $\pi = \frac{22}{7}$, Density = $\frac{\text{Mass}}{\text{Volume}}$)

Ans ☒ 1. 8.712

☐ 2. 9.87

☐ 3. 5.712

☐ 4. 9.82

- Q.12** In this question, a group of letters is coded by using numbers and symbols as per the table given below and the conditions which follow.

Letter	U	M	S	J	P	T	F
Code	7	4	@	\$	%	*	6

Conditions:

1. If the 1st letter is a vowel and the 3rd letter is a consonant, both are to be coded as the code for that 3rd letter consonant.
2. If the 1st and last letters are vowels, both are to be coded as 'N'.
3. If the 2nd and last letters are vowels, their codes are to be interchanged.

What is the correct combination of codes (by following only the applicable condition(s)) for the following letters?

AJSPT



Ans ☐ 1. 3 \$ @ % *

☐ 2. 3 \$ 3 % *

☒ 3. @ \$ @ % *

☐ 4. 3 \$ % @ *

- Q.13** Which Mauryan ruler sent Buddhist missionaries to foreign countries?

Ans ☐ 1. Bindusara

☐ 2. Chandragupta II

☒ 3. Ashoka

☐ 4. Samprati

- Q.14** Simplify: $50 \div \left\{ 3 \times \left(\frac{8}{6} \text{ of } \frac{6}{6} \right) \right\}$

Ans ☒ 1. $\frac{25}{2}$

☐ 2. $\frac{23}{2}$

☐ 3. $\frac{31}{2}$

☐ 4. $\frac{27}{2}$

- Q.15** Seven boxes, A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only two boxes are kept below D. Only one box is kept above A. Only one box is kept between A and E. G is kept immediately above B. C is kept in some place below F. How many boxes are kept above G?

Ans ☒ 1. 5

☐ 2. 4

☐ 3. 3

☐ 4. 2

Q.16 Which Act empowered Her Majesty to issue Letters Patent for setting up High Courts?

- Ans**
- ✓ 1. Indian High Courts Act, 1861
 - ✗ 2. Charter Act, 1833
 - ✗ 3. Regulating Act, 1773
 - ✗ 4. Government of India Act, 1935

Q.17 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 3651724, what will be the sum of the second digit from the left and the first digit from the right in the new number thus formed?

- Ans**
- ✗ 1. 10
 - ✗ 2. 8
 - ✗ 3. 12
 - ✓ 4. 14

Q.18 Factorise the given expression.

$$100a^2 + 300ab + 225b^2$$

- Ans**
- ✓ 1. $(10a + 15b)^2$
 - ✗ 2. $(15a + 10b)^2$
 - ✗ 3. $(15a - 10b)^2$
 - ✗ 4. $(10a - 15b)^2$

Q.19 If 2 is added to each even digit and 3 is subtracted from each odd digit in the number 596432, what will be the sum of the greatest and smallest digits in the new number thus formed?

- Ans**
- ✗ 1. 6
 - ✗ 2. 12
 - ✗ 3. 10
 - ✓ 4. 8

Q.20 Who are the members of India's recurve men's archery team that won a silver medal in the World Cup Stage 1, 2025?

- Ans**
- ✓ 1. Dhiraj Bommadevara, Atanu Das and Tarundeep Rai
 - ✗ 2. Atanu Das, Abhishek Verma and Tarundeep Rai
 - ✗ 3. Tarundeep Rai, Jayanta Talukdar and Rahul Banerjee
 - ✗ 4. Dhiraj Bommadevara, Abhishek Verma and Atanu Das

Q.21 Find the discriminant of the quadratic equation $3x^2 - 4x + 2 = 0$, and hence determine the nature of its roots.

- Ans**
- ✗ 1. Discriminant = 8, roots are real and distinct
 - ✗ 2. Discriminant = -8, roots are real and distinct
 - ✗ 3. Discriminant = 8, roots are real and equal
 - ✓ 4. Discriminant = -8, roots are imaginary

Q.22 M, N, O, S, T and U live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. S lives on floor numbered 5. O lives on a floor above S. Only T lives below N. U lives on an even numbered floor. How many people live below M?

- Ans**
- ✗ 1. One
 - ✓ 2. Two
 - ✗ 3. Four
 - ✗ 4. Three

Q.23 What must State legislators do under Article 188 of the Constitution of India before taking their seats for the first time in state assembly?

- Ans**
- ☐ 1. Declare assets
 - ☐ 2. Get CM's approval
 - ☒ 3. Take oath or affirmation
 - ☐ 4. Background check

Q.24 What is the average of all the natural numbers from 1 to 17?

- Ans**
- ☐ 1. 9.5
 - ☐ 2. 10
 - ☐ 3. 8.5
 - ☒ 4. 9

Q.25 Who inaugurated the National Conference on 'Environment – 2025' in New Delhi on 29 March 2025?

- Ans**
- ☐ 1. Amit Shah
 - ☐ 2. Sonia Gandhi
 - ☐ 3. Narendra Modi
 - ☒ 4. Droupadi Murmu

Q.26 In January 2025, which theme was used to promote voting on National Voters' Day?

- Ans**
- ☐ 1. Making Elections Inclusive and Accessible
 - ☐ 2. Vote Now, Shape Future
 - ☒ 3. Nothing Like Voting, I Vote for Sure
 - ☐ 4. Your Vote, Your Voice

Q.27 In 2024, India introduced a fast-track procurement clause in which defence procurement policy to reduce acquisition delays?

- Ans**
- ☐ 1. Defence Procurement Manual
 - ☒ 2. Defence Acquisition Procedure
 - ☐ 3. Defence Offset Policy
 - ☐ 4. Make in India Defence Protocol

Q.28 If 2% of $x = 360$, then x is equal to:

- Ans**
- ☐ 1. 36100
 - ☐ 2. 18100
 - ☒ 3. 18000
 - ☐ 4. 36000

Q.29 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) & 5 @ 9 7 £ \$ 5 \$ 9 8 8 8 * \$ \$ # * 1 7 1 4 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans**
- ☐ 1. 3
 - ☐ 2. 1
 - ☒ 3. 2
 - ☐ 4. 4

Q.30 In this question, a group of numbers is coded by using letters and symbols as per the table given below and the conditions which follow.

Number	7	8	2	3	4	5	6
Code	Z	Q	*	@	#	\$	T

Conditions:

1. If the 1st and 2nd digits are even, both are to be coded as 'A'.
2. If the 1st and last digits are odd, both are to be coded as the code for the 1st digit.
3. If the 3rd and 4th digits are even, their codes are to be interchanged.

What is the correct combination of codes (by following only the applicable condition(s)) for the following digits?

38159



- Ans**
- ☒ 1. S Q J \$ @
 - ☒ 2. @ Q J \$ S
 - ☒ 3. @ Q J \$ @
 - ☒ 4. S Q J \$ S

Q.31 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 - Operations on 13 such as adding / subtracting / multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
 12 - 13 - 17 - 20 ; 22 - 23 - 27 - 30

- Ans**
- ☒ 1. 4 - 8 - 12 - 16
 - ☒ 2. 32 - 33 - 37 - 41
 - ☒ 3. 56 - 57 - 60 - 65
 - ☒ 4. 44 - 45 - 49 - 52

Q.32 Consider the following statements regarding the 'Dare Square' Motorcycle Expedition flagged off in January 2025.

The expedition was launched by the Eastern Naval Command as part of INS Ranvijay's 37th anniversary celebrations.

The rally aims to promote mental health awareness, road safety and maritime heritage among youth through outreach activities.

It was conducted in collaboration with the Indian Air Force and covered northeastern states of India.

The rally culminates at the Dogra Regimental Centre in Ayodhya, highlighting the naval affiliation with the Dogra Regiment.

Which of the above statements are correct?

- Ans**
- ☒ 1. Only 1, 2 and 3
 - ☒ 2. Only 2 and 4
 - ☒ 3. Only 1, 2 and 4
 - ☒ 4. Only 1 and 3

Q.33 Pipes A and B can fill an empty cistern in 21 minutes and 42 minutes, respectively. Both Pipe A and Pipe B are opened together. After how much time should Pipe B be turned off so that the empty cistern is completely filled in a total of 16 minutes?

- Ans**
- ☒ 1. 12 minutes
 - ☒ 2. 10 minutes
 - ☒ 3. 15 minutes
 - ☒ 4. 5 minutes

Q.34 Which vitamin deficiency is most likely in a person with a blocked bile duct?

- Ans
- ☐ 1. Vitamin B1
 - ☐ 2. Vitamin A
 - ☒ 3. Vitamin B12
 - ☐ 4. Vitamin C

Q.35 Simplify $(\sec\theta - \frac{1}{\sec\theta}) \times (\operatorname{cosec}\theta - \frac{1}{\operatorname{cosec}\theta}) \times (\sin\theta - \frac{1}{\sin\theta})$.

- Ans
- ☐ 1. $\cos^3\theta$
 - ☐ 2. $\sin^3\theta$
 - ☒ 3. $-\cos^3\theta$
 - ☐ 4. $-\sin^3\theta$

Q.36 What is the median of the following data?

34, 78, 58, 65, 64, 73, 21, 88, 13, 11, 70

- Ans
- ☐ 1. 63.5
 - ☐ 2. 65
 - ☒ 3. 64
 - ☐ 4. 64.5

Q.37 Which of the following elements had NOT been discovered during Mendeleev's time?

- Ans
- ☒ 1. Radon and Polonium
 - ☐ 2. Hydrogen and Nitrogen
 - ☐ 3. Gallium and Germanium
 - ☐ 4. Chlorine and Fluorine

Q.38 RN 15 is related to TM 7 in a certain way. In the same way, LL 11 is related to NK 3. To which of the given options is MM 3 related, following the same logic?

- Ans
- ☐ 1. KN -5
 - ☒ 2. OL -5
 - ☐ 3. LP -9
 - ☐ 4. JG -7

Q.39 Who among the following was the leader of the 1857 rebellion of Sambalpur?

- Ans
- ☐ 1. Govind Guru
 - ☒ 2. Veer Surendra Sai
 - ☐ 3. Budhu Bhagat
 - ☐ 4. Alluri Seetharama Raju

Q.40 During which phase and year was a steady population growth rate observed in India?

- Ans
- ☐ 1. Phase IV: 1981-2011
 - ☒ 2. Phase II: 1921-1951
 - ☐ 3. Phase III: 1951-1981
 - ☐ 4. Phase I: 1891-1921

Q.41 In an isosceles triangle, the vertex angle measures 14° . What is the measure of each of the base angles?

- Ans**
- ☒ 1. 79° and 79°
 - ☒ 2. 83° and 83°
 - ☒ 3. 103° and 103°
 - ☒ 4. 86° and 86°

Q.42 The marks obtained by the students of a class are given. Find the standard deviation of the marks (rounded off to 2 decimal places).

65, 47, 59, 75, 82, 91, 55 and 78

- Ans**
- ☒ 1. 12.53
 - ☒ 2. 14.25
 - ☒ 3. 15.05
 - ☒ 4. 13.99

Q.43 If the selling price of a bed is 3-times of initial, then the profit is 4-times of initial. Find the initial profit percentage (in %).

- Ans**
- ☒ 1. 133.33
 - ☒ 2. 75
 - ☒ 3. 33.33
 - ☒ 4. 200

Q.44 Shaan starts from Point A and drives 6 km towards North. He then takes a right turn, drives 7 km, turns right and drives 12 km. He then takes a right turn and drives 8 km. He takes a final right turn, drives 6 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified)

- Ans**
- ☒ 1. 1 km to the east
 - ☒ 2. 4 km to the east
 - ☒ 3. 3 km to the east
 - ☒ 4. 2 km to the east

Q.45 KUQC is related to MYSG in a certain way based on the English alphabetical order. In the same way, OCUK is related to QGWO. To which of the following is SKYS related, following the same logic?

- Ans**
- ☒ 1. UOAW
 - ☒ 2. TPAX
 - ☒ 3. TNBV
 - ☒ 4. VPZX

Q.46 If $5.1 : 96.9 :: 96.9 : x$, then find the value of x .

- Ans**
- ☒ 1. 1844.3
 - ☒ 2. 1841.1
 - ☒ 3. 1845.8
 - ☒ 4. 1837.9

Q.47 A user wants to have a bulleted list in MS PowerPoint. After typing a list item and pressing Enter, they want to create a sub-bullet point (a lower-level bullet). Which of the following actions will reliably achieve this?

- Ans**
- ☒ 1. Clicking the 'Decrease List Level' button in the Paragraph group
 - ☒ 2. Pressing Alt + Enter
 - ☒ 3. Pressing Ctrl + Tab
 - ☒ 4. Clicking the 'Increase List Level' button in the Paragraph group

Q.48 Which of the following cities is set to host the COP30 climate summit in 2025?

- Ans
- ☐ 1. Nairobi, Kenya
 - ☐ 2. Tokyo, Japan
 - ☐ 3. Paris, France
 - ☒ 4. Belem, Brazil

Q.49 A, B, C, D, R, S and T are sitting around a circular table facing the centre of the table. Only two people sit between A and R when counted from the right of A. Only two people sit between R and D. Only three people sit between A and B. C sits to the immediate left of T. Who sits third to the left of S?

- Ans
- ☐ 1. D
 - ☐ 2. C
 - ☐ 3. A
 - ☒ 4. T

Q.50 Which of the following is not one of the Ettuttokai (Eight Anthologies) of the Sangam literature?

- Ans
- ☐ 1. Narrinai
 - ☐ 2. Purananuru
 - ☐ 3. Kuruntokai
 - ☒ 4. Tolkappiyam

Q.51 Which novel by Ocean Vuong follows a 19-year-old named Hai who becomes the caretaker of an elderly woman with dementia?

- Ans
- ☐ 1. On Earth We're Briefly Gorgeous
 - ☒ 2. The Emperor of Gladness
 - ☐ 3. The Night Sky with Exit Wounds
 - ☐ 4. Time is a Mother

Q.52 What should come in place of the question mark (?) in the given series?

163 131 99 67 35 ?

- Ans
- ☐ 1. 12
 - ☐ 2. 4
 - ☒ 3. 3
 - ☐ 4. 2

Q.53 If $a^2 + b^2 = 168$, $a \times b = 27$, and $a > b$, find $\frac{a - b}{a + b}$.

- Ans
- ☐ 1. $\frac{55}{121}$
 - ☐ 2. $\sqrt{\frac{53}{121}}$
 - ☒ 3. $\sqrt{\frac{57}{111}}$
 - ☐ 4. $\frac{57}{111}$

- Q.54 In a certain code language,
'A + B' means 'A is the sister of B'
'A - B' means 'A is the brother of B'
'A × B' means 'A is the wife of B'
'A ÷ B' means 'A is the father of B'.

Based on the above, how is M related to Q if 'M × N ÷ O + P - Q'?

- Ans ☒ 1. Wife
☒ 2. Mother
☐ 3. Daughter
☐ 4. Sister

- Q.55 This question is based on the five, three-digit numbers given below.

(Left) 325 503 158 391 144 (Right)

(Example- 697 - First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the first digit of the lowest number?

- Ans ☒ 1. 1
☐ 2. 2
☐ 3. 0
☐ 4. 4

- Q.56 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: TRV :: SQU : %

- Ans ☐ 1. # = WUO, % = ZNR
☐ 2. # = IOY, % = PWR
☐ 3. # = WZY, % = UQR
☒ 4. # = WUY, % = PNR

- Q.57 Mr. I starts from Point J and drives 5 km towards the west. He then takes a right turn, drives 7 km, turns right and drives 11 km. He then takes a left turn and drives 2 km. He then takes a right turn and drives 4 km. He then takes a final right turn, drives 9 km and stops at Point K. How far (shortest distance) and towards which direction should he drive in order to reach Point J again? (All turns are 90 degree turns only unless specified.)

- Ans ☐ 1. 10 km towards the east
☒ 2. 10 km towards the west
☐ 3. 13 km towards the south
☐ 4. 11 km towards the north

- Q.58 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans ☐ 1. DJ - HC
☐ 2. FL - JE
☒ 3. MS - PL
☐ 4. WC - AV

Q.59 When utilising the 'Paste Special' function in MS Word to insert content copied from a spreadsheet, which of the following paste options would preserve the original formula calculations while displaying the calculated values in the Word document?

- Ans**
- ☐ 1. Unformatted Text
 - ☐ 2. HTML Format
 - ☐ 3. Picture (Enhanced Metafile)
 - ☒ 4. MS Excel Worksheet Object

Q.60 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

KNP ILN GJL EHJ ?

- Ans**
- ☐ 1. CFG
 - ☐ 2. CEG
 - ☐ 3. CEH
 - ☒ 4. CFH

Q.61 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

JF-LH-NP

HD-JF-LN

- Ans**
- ☐ 1. KH-NJ-PS
 - ☒ 2. LH-NJ-PR
 - ☐ 3. LH-NJ-PS
 - ☐ 4. KH-NI-PS

Q.62 The surface area of a sphere is $4\pi \text{ cm}^2$. The volume of the sphere is:

- Ans**
- ☐ 1. $\frac{5\pi}{3} \text{ cm}^3$
 - ☐ 2. $\frac{2\pi}{3} \text{ cm}^3$
 - ☐ 3. $\frac{13\pi}{3} \text{ cm}^3$
 - ☒ 4. $\frac{4\pi}{3} \text{ cm}^3$

Q.63 Who among the following wrote the book 'Parvat Shiromani Bhagat Singh Koshyari'?

- Ans**
- ☐ 1. Gopichand P Hinduja
 - ☒ 2. Madan Mohan Sati
 - ☐ 3. PS Raman
 - ☐ 4. Arun Shourie

Q.64 A 120 m long train overtakes a man moving at a speed of 9 km/hr (in same direction) in 18 seconds. How much time (in seconds) will this train take to completely cross another 230 m long train, moving in the opposite direction at a speed of 27 km/hr?

- Ans**
- ☐ 1. 33
 - ☒ 2. 21
 - ☐ 3. 35
 - ☐ 4. 17

Q.65 Which bank launched the 'Global Women NRE & NRO Savings Account' in March 2025?

- Ans**
- ☐ 1. State Bank of India
 - ☐ 2. Axis Bank
 - ☒ 3. Bank of Baroda
 - ☐ 4. Punjab National Bank

Q.66 What is the third proportional of $10x^2$ and $30xy$?

- Ans**
- ☐ 1. $93y^2$
 - ☐ 2. $87y^2$
 - ☒ 3. $90y^2$
 - ☐ 4. $92y^2$

Q.67 H, O, L, D, E, and R live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. No one lives above L. Only three people live between L and R. H lives on a floor below R. E lives on an even numbered floor. O lives on an odd numbered floor but not on floor number 5. How many people live between D and R?

- Ans**
- ☐ 1. One
 - ☒ 2. Two
 - ☐ 3. Zero
 - ☐ 4. Three

Q.68 Three numbers are in the ratio 1 : 5 : 6, and their LCM is 5250. Their HCF is:

- Ans**
- ☒ 1. 175
 - ☐ 2. 183
 - ☐ 3. 171
 - ☐ 4. 193

Q.69 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$69 \div 11 + 408 \times 6 - 14 = ?$$

- Ans**
- ☒ 1. 705
 - ☐ 2. 720
 - ☐ 3. 710
 - ☐ 4. 715

Q.70 In a certain code language, 'FARE' is coded as '8432' and 'FEAT' is coded as '3287'. What is the code for 'R' in the given code language?

- Ans**
- ☐ 1. 8
 - ☐ 2. 3
 - ☐ 3. 2
 - ☒ 4. 4

Q.71 In March 2025, Indian PM Narendra Modi attended the National Day celebrations of which country as the Chief Guest?

- Ans**
- ☐ 1. Bhutan
 - ☒ 2. Mauritius
 - ☐ 3. Sri Lanka
 - ☐ 4. Maldives

Q.72 Simplify :

$$\frac{2^2 \times 9^3}{\sqrt{4} \times \sqrt{6561}}$$

Ans ☒ 1. 23

☒ 2. 18

☒ 3. 21

☒ 4. 27

Q.73 Which dance form represents a mock fight between Durga and Mahishasura?

Ans ☒ 1. Kalbelia

☒ 2. Dandiya Raas

☒ 3. Tarangmel

☒ 4. Ghoomar

Q.74 The average price of three items of furniture is ₹15,015. If their prices are in the ratio 3 : 5 : 7, the price of the costliest item (in ₹) is:

Ans ☒ 1. 9,009

☒ 2. 5,005

☒ 3. 21,021

☒ 4. 7,007

Q.75 What should come in place of the question mark (?) in the given series?

982 980 976 970 962 ?

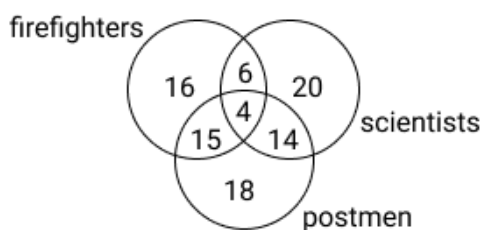
Ans ☒ 1. 954

☒ 2. 952

☒ 3. 950

☒ 4. 948

Q.76 Study the given diagram and answer the question that follows. (The numbers in different sections indicate the number of persons.)



How many such scientists are there who are also firefighters but not postmen?

Ans ☒ 1. 16

☒ 2. 6

☒ 3. 15

☒ 4. 20

Q.77 Which component is commonly used in a circuit to vary the resistance?

Ans ☒ 1. Transformer

☒ 2. Diode

☒ 3. Voltmeter

☒ 4. Rheostat

Q.78 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. RN-WC
 - ☐ 2. WS-BH
 - ☐ 3. XT-CI
 - ☒ 4. FA-KQ

Q.79 If 25% of k is 10 less than 1200% of 25, then k is:

- Ans**
- ☐ 1. 1200
 - ☐ 2. 1120
 - ☒ 3. 1160
 - ☐ 4. 1140

Q.80 'Aus', 'Aman' and 'Boro' are important crops of which of the following in states like Assam, West Bengal and Odisha?

- Ans**
- ☐ 1. Mustard
 - ☐ 2. Cotton
 - ☒ 3. Paddy
 - ☐ 4. Wheat

Q.81 If the eight-digit number 51883p47 is divisible by 9, then the maximum value of p is:

- Ans**
- ☐ 1. 7
 - ☒ 2. 9
 - ☐ 3. 8
 - ☐ 4. 5

Q.82 What is the primary purpose of the .ppsx file format in MS PowerPoint 365?

- Ans**
- ☐ 1. To save the presentation in a read-only format
 - ☒ 2. To save the presentation in a format that opens directly in Slide Show mode
 - ☐ 3. To save the presentation as a template for future use
 - ☐ 4. To compress the presentation file size

Q.83 In MS PowerPoint 2019, when you press the Enter key while typing in a text box, what happens?

- Ans**
- ☒ 1. The cursor moves to the next line within the same text box.
 - ☐ 2. The text is deleted.
 - ☐ 3. The text box is automatically resized.
 - ☐ 4. The text is entered into a new slide.

Q.84 What power does the President of India hold regarding the Contingency Fund of India?

- Ans**
- ☒ 1. The President controls the fund to advance money for unforeseen expenses.
 - ☐ 2. The President delegates the control of the fund to the Finance Commission.
 - ☐ 3. The President approves the annual disbursement of the fund.
 - ☐ 4. The President can only advise on the use of the fund.

Q.85 What was the unemployment rate in India as per the Periodic Labour Force Survey during January to December 2024?

- Ans**
- ☐ 1. 16.5%
 - ☐ 2. 2.1%
 - ☐ 3. 5.6%
 - ☒ 4. 3.2%

Q.86 Which of the following technologies was used to fabricate the Vikram 3201 microprocessor launched in 2025?

- Ans**
- ☒ 1. 180nm CMOS technology
 - ☐ 2. 250nm CMOS technology
 - ☐ 3. 350nm CMOS technology
 - ☐ 4. 90nm CMOS technology

Q.87 Which of the following is NOT a category of judicial review, as classified by Justice Syed Shah Mohammed Quadri?

- Ans**
- ☐ 1. Judicial review of administrative action of the Union and State and authorities under the state
 - ☐ 2. Judicial review of constitutional amendments
 - ☒ 3. Judicial review of judicial appointments to the Supreme Court and High Courts
 - ☐ 4. Judicial review of legislation of the Parliament and State Legislatures and subordinate legislations

Q.88 Disinvestment proceeds contribute to non-tax revenue of the government. Which body manages disinvestment in India?

- Ans**
- ☒ 1. DIPAM
 - ☐ 2. SEBI
 - ☐ 3. NABARD
 - ☐ 4. RBI

Q.89 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 1 @ 2 2 7 © & 8 6 * # 9 3 6 & 6 # & * © @ 8 (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a number?

- Ans**
- ☐ 1. 4
 - ☐ 2. 3
 - ☐ 3. 1
 - ☒ 4. 2

Q.90 The sum of 2 times Priya's present age and Jaya's present age is 48 years. Sanjay's is presently 2 times as old as Jaya. Mohit's present age is 4 years more than Priya's present age. The sum of the present ages of Sanjay and Mohit is 46 years. What is the sum of the present ages (in years) of Priya and Jaya?

- Ans**
- ☐ 1. 15
 - ☐ 2. 40
 - ☐ 3. 38
 - ☒ 4. 30

Q.91 Which of the following companies founded in 1602 is also known as the 'Verenigde Oostindische Compagnie (VOC)'?

- Ans**
- ☐ 1. German East India Company
 - ☐ 2. Austrian East India Company
 - ☒ 3. Dutch East India Company
 - ☐ 4. Portuguese East India Company

Q.92 Tushar has borrowed an amount of ₹2,00,000 from a bank to start a business. How much simple interest (in ₹) will he pay at a rate of 8% per annum after 4 years?

- Ans**
- ☐ 1. 2,64,000
 - ☐ 2. 65,000
 - ☒ 3. 64,000
 - ☐ 4. 63,000

Q.93 What is the tenure of the Central Board of Directors in Reserve Bank of India?

- Ans**
- ☐ 1. Five years
 - ☐ 2. Three years
 - ☐ 3. Two years
 - ☒ 4. Four years

Q.94 Which of the following rivers rises in the western slopes of the Aravalli Range near Ajmer, where it is known as the Sagarmati?

- Ans**
- ☐ 1. Drishadvati
 - ☐ 2. Saraswati
 - ☐ 3. Chambal
 - ☒ 4. Luni

Q.95 Which of the following statements best describes the role of RAM and ROM in a computer system?

- Ans**
- ☐ 1. RAM is used to store the operating system and permanent files, while ROM is used to store temporary data.
 - ☐ 2. RAM is non-volatile, while ROM is volatile.
 - ☐ 3. ROM is used for storing data that can be modified and written to, while RAM stores fixed data.
 - ☒ 4. ROM is used to store system firmware, while RAM stores temporary data for active processes.

Q.96 Which animal/bird was commonly depicted on Harappan seals?

- Ans**
- ☐ 1. Sparrow
 - ☐ 2. Horse
 - ☒ 3. Unicorn
 - ☐ 4. Peacock

Q.97 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

AEU GLA MSG SZM ?

- Ans**
- ☐ 1. SGY
 - ☐ 2. YSG
 - ☒ 3. YGS
 - ☐ 4. SYG

Q.98 A and B can complete a work in 11 days and 33 days, respectively. They started doing the work together, but after 3 days, B had to leave, and A completed the remaining work alone. The remaining work was completed in ____ days.

- Ans**
- ☒ 1. 7
 - ☐ 2. 12
 - ☐ 3. 11
 - ☐ 4. 10

Q.99 Shan has ₹1,617 with him. He divided it amongst his sons Piyush and Manoj and asked them to invest it at 10% rate of interest per annum, compounded annually. It was seen that Piyush and Manoj got the same amount after 11 and 12 years, respectively. How much (in ₹) did Shan give to Piyush?

- Ans**
- ☒ 1. ₹847
 - ☐ 2. ₹870
 - ☐ 3. ₹770
 - ☐ 4. ₹697

Q.100 Who among the following appoints the Chairman of the National Human Rights Commission of India?

- Ans**
- ☒ 1. The President of India
 - ☐ 2. The Speaker of the Lok Sabha
 - ☐ 3. The Prime Minister
 - ☐ 4. The Chief Justice of India



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	ION Digital Zone iDZ 1 Moula Ali
Test Date	13/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

- Options shown in green color with a tick icon are correct.
- Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 If 25% of k is 10 less than 1800% of 10, then k is:

- Ans**
- ☒ 1. 720
 - ☒ 2. 680
 - ☒ 3. 660
 - ☒ 4. 640

Q.2 Which country ranked fourth in the Human Development Report 2025?

- Ans**
- ☒ 1. Lebanon
 - ☒ 2. Sierra Leone
 - ☒ 3. Zimbabwe
 - ☒ 4. Denmark

Q.3 On 4 April 2025, which bank of India has launched a verified WhatsApp channel for Financial Updates?

- Ans**
- ☒ 1. Bank of Baroda
 - ☒ 2. Axis Bank
 - ☒ 3. State Bank of India
 - ☒ 4. Reserve Bank of India

Q.4 The Chotanagpur Plateau is drained by which river system?

- Ans**
- ☒ 1. Godavari
 - ☒ 2. Damodar
 - ☒ 3. Tapi
 - ☒ 4. Krishna

Q.5 The marked price of a smartwatch set is ₹640. It sells with two successive discounts of 30% and 25%. An additional 25% discount is given on cash payment. What is the selling price (in ₹) of the smartwatch set on cash payment?

- Ans**
- ☒ 1. 252
 - ☒ 2. 253
 - ☒ 3. 251
 - ☒ 4. 249

Q.6 A, B, C, D, G, H and I are sitting around a circular table facing the centre of the table. Only three people sit between I and H when counted from the left of I. Only three people sit between A and G when counted from the right of G. C sits to the immediate right of A. B is an immediate neighbour of G as well as H. Who sits to the second to the left of D?

- Ans**
- ☒ 1. B
 - ☐ 2. G
 - ☐ 3. I
 - ☐ 4. A

Q.7 Which of the following statements is correct with reference to the industrial use of freon?

- Ans**
- ☒ 1. It is used in refrigeration and aerosol production.
 - ☐ 2. It is used as a pesticide and insecticide.
 - ☐ 3. It is used for textile dyeing.
 - ☐ 4. It is primarily used in food processing and as a food preservative.

Q.8 What should come in place of the question mark (?) in the given series?

892 890 886 880 872 ?

- Ans**
- ☐ 1. 860
 - ☐ 2. 861
 - ☐ 3. 863
 - ☒ 4. 862

Q.9 ____ recorded the highest population density in 2011, as per the 2011 Census of India.

- Ans**
- ☐ 1. Chennai
 - ☐ 2. Mumbai Sub-Urban
 - ☒ 3. North East Delhi
 - ☐ 4. Hyderabad

Q.10 Rituraj starts from Point A and drives 11 km towards South. He then takes a right turn, drives 9 km, turns right and drives 12 km. He then takes a right turn and drives 12 km. He takes a final right turn, drives 1 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only, unless specified)

- Ans**
- ☐ 1. 2 km to the west
 - ☐ 2. 1 km to the west
 - ☒ 3. 3 km to the west
 - ☐ 4. 4 km to the west

Q.11 Rudradaman, who ruled in the middle of second century AD territories of Mathura and Gujarat belonged to which dynasty?

- Ans**
- ☐ 1. Pala
 - ☐ 2. Pahlavas
 - ☐ 3. Shunga
 - ☒ 4. Shaka

Q.12 If the average of four numbers is 40 and three of the numbers among four are 40, 42 and 55, what will be the fourth number?

- Ans**
- ☐ 1. 27
 - ☐ 2. 21
 - ☒ 3. 23
 - ☐ 4. 29

Q.13 Seven boxes, A, B, C, D, E, F and G, are kept one above the other but not necessarily in the same order. Only two boxes are kept below C. Only one box is kept above A. Only one box is kept between A and E. B is kept immediately above F. D is kept at some place below G. How many boxes are kept above B?

- Ans**
- ☐ 1. 2
 - ☐ 2. 3
 - ☒ 3. 5
 - ☐ 4. 4

Q.14 A boat takes 27 minutes to go 40.6 km upstream. The ratio of the speed of the boat in still water to that of the stream is 8 : 7. How much total time (in hours) will the boat take to go 77.7 km upstream and 52.5 km downstream?

- Ans**
- ☒ 1. 0.9
 - ☐ 2. 3.7
 - ☐ 3. 1.1
 - ☐ 4. 2.2

Q.15 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 3 € & £ @ * # 1 \$ € @ © € © & 1 € 4 1 2 4 © (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans**
- ☐ 1. 3
 - ☐ 2. 1
 - ☒ 3. 2
 - ☐ 4. 4

Q.16 Find the value of 'c' so that the quadratic equation $2x^2 - 3x + c = 0$ and $x^2 - 9x - 22 = 0$ may have one common root 11.

- Ans**
- ☒ 1. -209
 - ☐ 2. -157
 - ☐ 3. -237
 - ☐ 4. -107

Q.17 If 1 is added to each even digit and 1 is added to each odd digit in the number 7142568, what will be the sum of the first digit from the left and the first digit from the right in the new number thus formed?

- Ans**
- ☐ 1. 10
 - ☐ 2. 15
 - ☒ 3. 17
 - ☐ 4. 14

Q.18 Which characteristic of the CPU determines how many instructions it can process per second?

- Ans**
- ☐ 1. Power consumption
 - ☒ 2. Clock speed
 - ☐ 3. Number of registers
 - ☐ 4. Cache size

Q.19 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All bikes are roads.

Some roads are TVs.

Some TVs are cups.

Conclusions:

(I) All roads are bikes.

(II) All roads are TVs.

- Ans**
- ☐ 1. Only conclusion (II) follows
 - ☒ 2. Neither conclusion (I) nor (II) follows
 - ☐ 3. Only conclusion (I) follows
 - ☐ 4. Both conclusion (I) and (II) follow

Q.20 In many Windows applications, pressing Alt + Spacebar typically invokes which of the following?

- Ans**
- ☐ 1. The 'Run' dialog box
 - ☐ 2. The application's main menu bar
 - ☐ 3. The Task Manager
 - ☒ 4. The system menu for the current window (containing options like Move, Size, Minimize, Maximize, Close)

Q.21 A swimmer can swim downstream at 40 km/hr and upstream at 26 km/hr. What is the speed of the swimmer in still water?

- Ans**
- ☒ 1. 33 km/hr
 - ☐ 2. 40 km/hr
 - ☐ 3. 42 km/hr
 - ☐ 4. 26 km/hr

Q.22 How many religious communities are covered under the 2019 Citizenship Amendment Act?

- Ans**
- ☒ 1. 6
 - ☐ 2. 5
 - ☐ 3. 3
 - ☐ 4. 7

Q.23 A, B, C, D, E, F and G are sitting around a circular table facing the centre. D sits third to the right of C. A sits second to the right of B. B is not an immediate neighbour of C. G sits to the immediate right of F. C sits to the immediate left of F. How many people sit between G and E when counted from the left of G?

- Ans**
- ☐ 1. Two
 - ☒ 2. Three
 - ☐ 3. One
 - ☐ 4. None

Q.24 A gas stove flame burns blue because of:

- Ans**
- ☒ 1. Complete combustion of fuel
 - ☐ 2. Hazardous combustion
 - ☐ 3. Presence of hydrogen in the air
 - ☐ 4. Insufficient oxygen

Q.25 G, H, I, J, K and X live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. K lives on an odd numbered floor but not on the lowermost floor. Only two people live between K and G. Only two people live between I and H. X lives immediately below K. No one lives above I. How many people live between J and X?

- Ans**
- ☐ 1. Four
 - ☐ 2. Three
 - ☐ 3. One
 - ☒ 4. Two

Q.26 In a certain code language, 'smooth long drive' is coded as 'zi ma tu' and 'challenging mountain drive' is coded as 'fo se zi'. How is 'drive' coded in the given language?

- Ans**
- ☐ 1. fo
 - ☐ 2. ma
 - ☒ 3. zi
 - ☐ 4. se

Q.27 Under the SVAMITVA scheme, which modern technology is used to map land ownership in rural India?

- Ans**
- ☐ 1. Blockchain
 - ☐ 2. Satellite Radar Imaging
 - ☐ 3. Artificial Intelligence
 - ☒ 4. Drone Surveying

Q.28 Simplify :

$$\frac{\sqrt{0.012321}}{\sqrt{0.001369}}$$

- Ans**
- ☐ 1. 18
 - ☒ 2. 3
 - ☐ 3. 23
 - ☐ 4. 16

Q.29 According to the 73rd Constitutional Amendment Act, 1992, which body functions as the foundation of the Panchayati Raj system, ensuring broad-based community participation?

- Ans**
- ☒ 1. Gram Sabha
 - ☐ 2. Gram Panchayat
 - ☐ 3. Nyaya Panchayat
 - ☐ 4. Zila Parishad

Q.30 In February 2025, an avalanche struck a Border Roads Organisation camp in which location, resulting in eight fatalities?

- Ans**
- ☒ 1. Mana, Uttarakhand
 - ☐ 2. Kargil, Ladakh
 - ☐ 3. Leh, Ladakh
 - ☐ 4. Tawang, Arunachal Pradesh

Q.31 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

SW-NR-IM
IM-DH-YC

- Ans**
- ☒ 1. FJ-AE-WZ
 - ☒ 2. YC-TX-OS
 - ☒ 3. UY-PT-LO
 - ☒ 4. HL-DG-XB

Q.32 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

NK-RO-VX
LI-PM-TV

- Ans**
- ☒ 1. IG-NL-RU
 - ☒ 2. IG-NK-RU
 - ☒ 3. JG-NK-RU
 - ☒ 4. JG-NK-RT

Q.33 The compound interest earned in 1 year on ₹2,40,000 at the rate of 40% per annum, compounded quarterly, is:

- Ans**
- ☒ 1. ₹1,10,519
 - ☒ 2. ₹1,12,281
 - ☒ 3. ₹1,12,269
 - ☒ 4. ₹1,11,384

Q.34 Which global observance did UNESCO mark on 24 January 2025?

- Ans**
- ☒ 1. World Science Day
 - ☒ 2. World Heritage Day
 - ☒ 3. International Day of Peace
 - ☒ 4. International Day of Education

Q.35 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$405 \div 2 + 369 \times 9 - 32 = ?$$

- Ans**
- ☒ 1. 802
 - ☒ 2. 801
 - ☒ 3. 804
 - ☒ 4. 803

Q.36 Which element on the Windows 11 desktop allows users to quickly access multiple open windows and virtual desktops?

- Ans**
- ☒ 1. File Explorer
 - ☒ 2. Start Menu
 - ☒ 3. Control Panel
 - ☒ 4. Task View

Q.37 Who among the following did Pankaj Advani defeat in the final of the 2025 Asian Snooker Championship?

- Ans**
- ☒ 1. Mohsen Bukshaisha
 - ☒ 2. Amir Sarkosh
 - ☒ 3. Ahsan Ramzan
 - ☒ 4. Habib Shalaby

Q.38 Which of the following key centres of the 1857 Revolt was recaptured from the rebel forces in September 1857?

- Ans**
- ☒ 1. Delhi
 - ☐ 2. Surat
 - ☐ 3. Bombay
 - ☐ 4. Madras

Q.39 If the third proportional of 36 and Z is 4, then what is the positive value of Z?

- Ans**
- ☐ 1. 11
 - ☒ 2. 12
 - ☐ 3. 14
 - ☐ 4. 9

Q.40 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 3762184, what will be the sum of the highest and lowest digits in the number thus formed?

- Ans**
- ☐ 1. 6
 - ☒ 2. 8
 - ☐ 3. 9
 - ☐ 4. 7

Q.41 The percentage profit earned by selling an article for ₹6,833 is equal to the percentage loss incurred by selling the same article for ₹1,447. At what price should the article be sold (in ₹) to make a 45% profit?

- Ans**
- ☐ 1. 6,002
 - ☐ 2. 6,001
 - ☒ 3. 6,003
 - ☐ 4. 6,005

Q.42 Who among the following was NOT a Mauryan ruler?

- Ans**
- ☒ 1. Pushyamitra
 - ☐ 2. Devavarman
 - ☐ 3. Brihadratha
 - ☐ 4. Samprati

Q.43 Which country did PM Narendra Modi visit in March 2025 to attend its 57th National Day celebrations?

- Ans**
- ☐ 1. Maldives
 - ☒ 2. Mauritius
 - ☐ 3. Fiji
 - ☐ 4. Seychelles

Q.44 In a certain code language,
'A + B' means 'A is the sister of B'
'A - B' means 'A is the brother of B'
'A × B' means 'A is the wife of B'
'A ÷ B' means 'A is the father of B'

Based on the above, how is M related to Q if 'M ÷ N - O + P × Q'?

- Ans**
- ☒ 1. Wife's Father
 - ☐ 2. Brother
 - ☐ 3. Father
 - ☐ 4. Wife's Brother

Q.45 A conical vessel has base radius 6 cm and height 20 cm. Water is pou



- Ans
- ☐ 1. 171π
 - ☒ 2. 180π
 - ☐ 3. 187π
 - ☐ 4. 184π

Q.46 What is the main advantage of saving an MS PowerPoint presentation as a .pdf file?

- Ans
- ☐ 1. It automatically translates text into different languages.
 - ☒ 2. It reduces file size and prevents unwanted editing.
 - ☐ 3. It enables users to modify slides in any PDF viewer.
 - ☐ 4. It allows all MS PowerPoint animations to run.

Q.47 Vipul spends 55% of his income. If he saves ₹18,000, then his income (in ₹) is:

- Ans
- ☒ 1. 40,000
 - ☐ 2. 41,000
 - ☐ 3. 39,000
 - ☐ 4. 9,900

Q.48 What kind of architectural style is seen in the shikharas of the Jageshwar temple complexes in Uttarakhand, India?

- Ans
- ☐ 1. Pyramidal towers
 - ☐ 2. Flat brick shikharas
 - ☐ 3. Buddhist stupas
 - ☒ 4. Curvilinear shikharas

Q.49 Three numbers are in the ratio 1 : 15 : 7, and their LCM is 4830. Their HCF is:

- Ans
- ☐ 1. 41
 - ☐ 2. 43
 - ☐ 3. 49
 - ☒ 4. 46

Q.50 The sum of three numbers x, y and z is 12 and their squares sum is 20



- Ans
- ☒ 1. -504
 - ☐ 2. 305
 - ☐ 3. 504
 - ☐ 4. -305

Q.51 The revolt of 1857 broke out on 10th May from which of the following places, when sepoys rose in rebellion and marched towards Delhi to restore Bahadur Shah II to the throne?

- Ans
- ☐ 1. Kanpur
 - ☒ 2. Meerut
 - ☐ 3. Mysore
 - ☐ 4. Awadh

Q.52 Uninterrupted and seamless chain of Input Tax Credit (ITC) is a mechanism to avoid cascading of taxes in which of the following taxes?

- Ans**
- ✓ 1. GST
 - ✗ 2. Equalisation levy
 - ✗ 3. Angel tax
 - ✗ 4. Countervailing duty

Q.53 Find a single discount (rounded up to two decimal places) to equal three consecutive discounts of 6%, 28% and 15%.

- Ans**
- ✓ 1. 42.47%
 - ✗ 2. 45.25%
 - ✗ 3. 44.65%
 - ✗ 4. 42.63%

Q.54 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ✓ 1. JO – QM
 - ✗ 2. UZ – BY
 - ✗ 3. LQ – SP
 - ✗ 4. EJ – LI

Q.55 The mode of the observations 9, 6, 4, 2, 5, 2, 9, 2, 1, 9, 4, 5, 9, 5, 4 and 8 is:

- Ans**
- ✗ 1. 4
 - ✗ 2. 2
 - ✗ 3. 6
 - ✓ 4. 9

Q.56 The Mahalwari system was prevalent in certain regions of northern and central India. From whom was the land revenue collected under the Mahalwari system?

- Ans**
- ✗ 1. Landlords
 - ✗ 2. Individual peasants
 - ✗ 3. Religious institutions
 - ✓ 4. Village head

Q.57 Which of the following sentences passed by a Sessions Judge requires mandatory confirmation by the High Court?

- Ans**
- ✓ 1. Capital punishment
 - ✗ 2. Imprisonment exceeding 5 years
 - ✗ 3. Life imprisonment
 - ✗ 4. Imprisonment exceeding 10 years

Q.58 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

OL-QN-SU
LI-NK-PR

- Ans**
- ✗ 1. RO-TQ-VY
 - ✗ 2. SO-TR-VY
 - ✗ 3. SO-TQ-VY
 - ✓ 4. RO-TQ-VX

Q.59 What should come in place of the question mark (?) in the given series?

46 55 78 87 110 119 ?

- Ans**
- ☒ 1. 128
 - ☒ 2. 142
 - ☐ 3. 137
 - ☐ 4. 150

Q.60 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☒ 1. HDVW
 - ☐ 2. JFAY
 - ☐ 3. RNIG
 - ☐ 4. AWRP

Q.61 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. A lives on an odd numbered floor but not 3. The sum of floors on which C and A live is 4. Only 3 people live between E and F. B lives immediately above D. The sum of floors on which D and E live is 10. How many people live below F?

- Ans**
- ☐ 1. 2
 - ☐ 2. 4
 - ☒ 3. 1
 - ☐ 4. 3

Q.62 What is the function of subsidiary cells?

- Ans**
- ☒ 1. Support of guard cells in stomatal function
 - ☐ 2. Transport of food through phloem
 - ☐ 3. Absorption of light for photosynthesis
 - ☐ 4. Secretion of enzymes for nutrient acquisition, defence and digestion

Q.63 This question is based on the five, three-digit numbers given below.
(Left) 740 636 787 884 316 (Right)

(Example- 697 - First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the third digit of the lowest number?

- Ans**
- ☐ 1. 13
 - ☒ 2. 14
 - ☐ 3. 17
 - ☐ 4. 15

Q.64 Which canal project plays a major role in irrigation in the Thar Desert?

- Ans**
- ☒ 1. Indira Gandhi Canal
 - ☐ 2. Sardar Sarovar Canal
 - ☐ 3. Yamuna Canal
 - ☐ 4. Tehri Canal

Q.65 The cost of 6 pens and 5 pencils is ₹259. If the cost of a pen decreases by ₹9 and the cost of a pencil increases by ₹4, then the cost of 19 pens and 2 pencils is ₹90. What is the original cost of 13 pens and 2 pencils?

- Ans**
- ☒ 1. ₹202
 - ☒ 2. ₹197
 - ☒ 3. ₹199
 - ☒ 4. ₹195

Q.66 For a regular polygon, the sum of the interior angles is 100% more than the sum of its exterior angles. Each interior angle of the polygon measures x° . What is the value of x ?

- Ans**
- ☒ 1. 120
 - ☒ 2. 100
 - ☒ 3. 125
 - ☒ 4. 140

Q.67 If the mode of the following data is 165, then what is the value of x ?

Class	150-155	155-160	160-165	165-170	170-175
Frequency	13	26	37	x	27

- Ans**
- ☒ 1. 27
 - ☒ 2. 37
 - ☒ 3. 57
 - ☒ 4. 54

Q.68 Simplify the following:

$$\frac{2}{8} + \frac{2}{8} + \frac{1}{16} + \frac{2}{8} - 1$$

- Ans**
- ☒ 1. $-\frac{8}{16}$
 - ☒ 2. $\frac{4}{16}$
 - ☒ 3. $\frac{1}{16}$
 - ☒ 4. $-\frac{3}{16}$

Q.69 Which of these agricultural regions is best known for rice-wheat cropping system?

- Ans**
- ☒ 1. Indo-Gangetic Plains
 - ☒ 2. Western India
 - ☒ 3. Eastern Coastal Plains
 - ☒ 4. Deccan Plateau

Q.70 Most of the Thar desert lies within India, spanning the states of _____.

- Ans**
- ☒ 1. Rajasthan, Gujarat, Punjab, and Madhya Pradesh
 - ☒ 2. Rajasthan, Gujarat, Punjab, and Haryana
 - ☒ 3. Rajasthan, Gujarat, Punjab, and Himachal Pradesh
 - ☒ 4. Rajasthan, Gujarat, Punjab, and Uttar Pradesh

Q.71 In the context of managing multiple open applications within a graphical operating system, what is the typical behaviour initiated by pressing Ctrl + Tab?

- Ans**
- ☐ 1. It closes the currently active application window.
 - ☐ 2. It opens a new tab or window within the currently active application.
 - ☒ 3. It cycles through the open windows or tabs of the currently active application.
 - ☐ 4. It minimises the currently active application window to the taskbar or dock.

Q.72 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

DK26, GN33, JQ40, MT47, ?

- Ans**
- ☐ 1. PV54
 - ☐ 2. PV53
 - ☒ 3. PW54
 - ☐ 4. PW53

Q.73 In this question, a group of letters is coded by using numbers and symbols as per the table given below and the conditions which follow.

Letter	U	M	S	J	P	T	F	E	A
Code	7	4	@	\$	%	*	6	2	3

Conditions:

1. If the 1st letter is a vowel and the 3rd letter is a consonant, both to be coded as the code of the consonant.
2. If the 1st and last letters are vowels, both are to be coded as 'N'.
3. If the 2nd and last letters are vowels, their codes are to be interchanged.

What is the correct combination of codes (by following only the applicable condition(s)) for the following letters?

SEMTU

- Ans**
- ☐ 1. @ 2 4 * 7
 - ☐ 2. @ 7 4 * 7
 - ☒ 3. @ 7 4 * 2
 - ☐ 4. @ 2 4 * 2

Q.74 Manjit has borrowed an amount of ₹2,20,000 from a bank to start a business. How much simple interest (in ₹) will he pay at a rate of 4% per annum after 2 years?

- Ans**
- ☐ 1. 2,37,600
 - ☐ 2. 16,600
 - ☒ 3. 17,600
 - ☐ 4. 18,600

Q.75 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 8 * * € 6 % 3 2 \$ # 9 9 9 2 @ # 5 3 % 9 @ 1 (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans**
- ☒ 1. 3
 - ☐ 2. 5
 - ☐ 3. 4
 - ☐ 4. 2

Q.76 What is the NISAR satellite, launched in February 2025 and co-developed by ISRO and NASA, designed for?

- Ans**
- ☒ 1. Earth observation and climate monitoring
 - ☐ 2. Deep space communication
 - ☐ 3. Planetary exploration
 - ☐ 4. Solar flare detection

Q.77 A sphere with a radius of 53 cm is melted to form a cone with the same radius at its base. Find the height (in cm) of the cone.

- Ans**
- ☐ 1. 215
 - ☐ 2. 205
 - ☒ 3. 212
 - ☐ 4. 219

Q.78 What were 'privy purses'?

- Ans**
- ☐ 1. Travel allowances for royal families
 - ☐ 2. Royal taxes
 - ☒ 3. Pensions paid to the princes after integration
 - ☐ 4. Loans from British government

Q.79 A can complete a piece of work in 14 days and B can complete it in 10 days. If they work on alternate days, starting with B on the first day, then in how many days will the work be finished?

- Ans**
- ☐ 1. $11\frac{2}{3}$
 - ☐ 2. $10\frac{2}{3}$
 - ☒ 3. $11\frac{3}{5}$
 - ☐ 4. $10\frac{3}{5}$

Q.80 With reference to the 40th Amendment Act, 1976, which category of maritime zones came under the legislative jurisdiction of the Parliament?

- Ans**
- ☒ 1. Territorial waters and EEZ
 - ☐ 2. Inter-state river waters
 - ☐ 3. Groundwater reserves
 - ☐ 4. Inland rivers and lakes

Q.81 At Aero India 2025, the DRDO unveiled a new technology to enhance aircraft launch capabilities for the Indian Navy. What is this technology called?

- Ans**
- ☒ 1. Electro-Magnetic Launch System (EMLS)
 - ☐ 2. Magnetic Aircraft Launch System (MALS)
 - ☐ 3. Integrated Launch Assist System (ILAS)
 - ☐ 4. Advanced Catapult Launch Mechanism (ACLM)

Q.82 In a certain code language, 'GIVE' is coded as '6482' and 'VOLT' is coded as '3671'. What is the code for 'V' in the given code language?

- Ans**
- ☒ 1. 8
 - ☒ 2. 6
 - ☒ 3. 7
 - ☒ 4. 3

Q.83 Which of the following ratios is greatest?

- Ans**
- ☒ 1. 16 : 57
 - ☒ 2. 24 : 54
 - ☒ 3. 17 : 53
 - ☒ 4. 28 : 60

Q.84 Which of the following letter-number-clusters will replace the question mark (?) in the given series to make it logically complete?

GOQ 35, HPR 32, IQS 29, JRT 26, ?

- Ans**
- ☒ 1. KSU 23
 - ☒ 2. RQM 22
 - ☒ 3. KPN 22
 - ☒ 4. RPM 23

Q.85 In March 2025, what ranking did Deepti Sharma achieve in the ICC Women's all-rounders rankings?

- Ans**
- ☒ 1. 5th
 - ☒ 2. 4th
 - ☒ 3. 3rd
 - ☒ 4. 6th

Q.86 If an angle of a parallelogram is 27° less than four – fifth of its adjace



- Ans**
- ☒ 1. 70°
 - ☒ 2. 45°
 - ☒ 3. 50°
 - ☒ 4. 65°

Q.87 A tap fills a cistern in 18 hours. Another tap empties the full tank in 19 hours. How long (in hours) will it take to fill one-third of the tank, if the tank is empty initially and both the taps are open together?

- Ans**
- ☒ 1. 456
 - ☒ 2. 228
 - ☒ 3. 342
 - ☒ 4. 114

Q.88 India adopted a policy of Import Substitution Industrialisation (ISI) after independence. Which of the following was a common limitation faced by ISI-led strategy by the 1980s?

- Ans**
- ☒ 1. Shortage of skilled labour
 - ☒ 2. Excessive exports
 - ☒ 3. Lack of consumer demand
 - ☒ 4. Technological backwardness

Q.89 Who won Best Directorial Debut for 'Madgaon Express' at IIFA Awards, 2025?

- Ans**
- ✓ 1. Kunal Kemmu
 - ✗ 2. Sriram Raghavan
 - ✗ 3. Biplab Goswami
 - ✗ 4. Kiran Rao

Q.90 When was municipal governance first introduced in British India?

- Ans**
- ✓ 1. 1687
 - ✗ 2. 1919
 - ✗ 3. 1882
 - ✗ 4. 1850

Q.91 The value of $49 + [7 + \{63 - (27 \div 9)\} \div 6]$ is:

- Ans**
- ✓ 1. 66
 - ✗ 2. 74
 - ✗ 3. 76
 - ✗ 4. 63

Q.92 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$89 \div 4984 - 89 \times 9 + 2 = ?$$

- Ans**
- ✗ 1. 55
 - ✗ 2. 15
 - ✗ 3. 92
 - ✓ 4. 51

Q.93 A person standing 30 metres away from a tower observes the angle of elevation to the top of the tower as 30° . Find the height of the tower.

- Ans**
- ✗ 1. 30 metres
 - ✗ 2. $30\sqrt{3}$ metres
 - ✗ 3. $10\sqrt{2}$ metres
 - ✓ 4. $10\sqrt{3}$ metres

Q.94 Which among the following contains a collection of eight poetic anthologies from ancient Tamil literature?

- Ans**
- ✓ 1. Ettuttokai
 - ✗ 2. Pattuppattu
 - ✗ 3. Tolkappiyam
 - ✗ 4. Silappatikaram

Q.95 The salaries of A, B, and C are in the ratio 3 : 10 : 8. If increments of 10%, 61%, and 20% are allowed respectively in their salaries, what will be the new ratio of their salaries?

- Ans**
- ✗ 1. 30 : 165 : 98
 - ✗ 2. 34 : 167 : 103
 - ✓ 3. 33 : 161 : 96
 - ✗ 4. 35 : 163 : 102

Q.96 JKL is related to KMO in a certain way based on the English alphabetical order. In the same way, PQR is related to QSU. To which of the following is XYZ related, following the same logic?

- Ans**
- ☐ 1. FED
 - ☐ 2. YZA
 - ☐ 3. ABC
 - ☒ 4. YAC

Q.97 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

6 - 12 - 15 - 30; 4 - 8 - 11 - 22

- Ans**
- ☐ 1. 12 - 14 - 28 - 30
 - ☒ 2. 11 - 22 - 25 - 50
 - ☐ 3. 8 - 16 - 19 - 36
 - ☐ 4. 1 - 2 - 4 - 16

Q.98 Rohan starts from point A and drives 8 km towards the north. He then takes a left turn, drives 12 km, turns left and drives 11 km. He then takes a left turn and drives 14 km. He takes a final left turn, drives 3 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90-degree turns only unless specified.)

- Ans**
- ☐ 1. 3 km to the west
 - ☒ 2. 2 km to the west
 - ☐ 3. 3 km to the east
 - ☐ 4. 2 km to the east

Q.99 The sum of five numbers is 655. The average of the first two numbers is 77 and the third number is 129. Find the average of the remaining two numbers.

- Ans**
- ☐ 1. 187
 - ☐ 2. 207
 - ☐ 3. 206
 - ☒ 4. 186

Q.100 Since December 2022, the functions of the National Anti-Profiteering Authority established in association with GST reforms have been transferred to which body in India?

- Ans**
- ☒ 1. Competition Commission
 - ☐ 2. Reserve Bank of India
 - ☐ 3. Directorate General of Trade Remedies
 - ☐ 4. NITI Aayog



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	Arunuma Technical Services Private Limited
Test Date	13/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 On 24 January 2025, which day was celebrated to promote girls' rights and welfare in India?

- Ans**
- ☒ 1. National Girl Empowerment Day
 - ☒ 2. National Girl Equality Day
 - ☒ 3. National Girl Safety Day
 - ☒ 4. National Girl Child Day

Q.2 What is the third proportional of $6x^2$ and $18xy$?

- Ans**
- ☒ 1. $53y^2$
 - ☒ 2. $52y^2$
 - ☒ 3. $54y^2$
 - ☒ 4. $51y^2$

Q.3 Where was the 2024 International Conference of NGOs organised by UNESCO held?

- Ans**
- ☒ 1. Geneva, Switzerland
 - ☒ 2. New York City, USA
 - ☒ 3. Vienna, Austria
 - ☒ 4. Paris, France

Q.4 Raghav starts from Point A and drives 8 km towards South. He then takes a left turn, drives 6 km, turns left and drives 11 km. He then takes a left turn and drives 12 km. He takes a final left turn, drives 3 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only, unless specified)

- Ans**
- ☒ 1. 6 km to the east
 - ☒ 2. 5 km to the east
 - ☒ 3. 3 km to the east
 - ☒ 4. 4 km to the east

Q.5 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$186 \div 5 + 189 \times 3 - 2 = ?$$

- Ans**
- ☐ 1. 881
 - ☐ 2. 884
 - ☐ 3. 887
 - ☒ 4. 869

Q.6 Which material was used to make the famous 'Dancing Girl' statue that belonged to the Indus Valley Civilization?

- Ans**
- ☐ 1. Silver
 - ☐ 2. Cooper
 - ☒ 3. Bronze
 - ☐ 4. Iron

Q.7 During the colonial period, India's industrial development was the result of British policies. Which of the following options best describes the nature of industrial development in India at the eve of independence?

- Ans**
- ☐ 1. Widespread industrial growth across rural and urban areas
 - ☐ 2. Strong domestic capital goods industry in all provinces
 - ☒ 3. Limited industrial activity, mainly concentrated in a few cities like Calcutta and Bombay
 - ☐ 4. Balanced regional distribution of heavy industries

Q.8 If $\sin 5A = \cos(A - 42^\circ)$, where $5A$ is an acute angle, find the value of A .

- Ans**
- ☒ 1. 22°
 - ☐ 2. 20°
 - ☐ 3. 21°
 - ☐ 4. 23°

Q.9 The Rashtrakutas dominated which part of India after the Guptas?

- Ans**
- ☐ 1. Bengal
 - ☐ 2. Odisha
 - ☒ 3. Deccan
 - ☐ 4. Central India

Q.10 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

URM 14, TQL 18, SPK 22, ROJ 26, ?

- Ans**
- ☐ 1. PLI 28
 - ☐ 2. PQM 28
 - ☒ 3. QNI 30
 - ☐ 4. PRN 30

Q.11 A boat travels 14 km upstream in 14 hours and 171 km downstream in 9 hours. What is the speed of the boat in still water?

- Ans**
- ☐ 1. 17 km/hf
 - ☐ 2. 6 km/hr
 - ☒ 3. 10 km/hr
 - ☐ 4. 18 km/hf

Q.12 In which state is the shifting agriculture known as 'Jhum'?

- Ans**
- ☐ 1. Madhya Pradesh
 - ☒ 2. Assam
 - ☐ 3. Kerala
 - ☐ 4. Odisha

Q.13 In its advisory capacity, the Union Cabinet's advice to the President of India is considered:

- Ans**
- ☒ 1. binding to the President
 - ☐ 2. overruled by the Speaker of the Lower House
 - ☐ 3. merely suggestive and non-binding
 - ☐ 4. limited only to economic matters

Q.14 In the context of computer memory hierarchy, which of the following statements regarding access speed and cost per bit is generally true as you move from registers towards secondary storage?

- Ans**
- ☐ 1. Access speed decreases and cost per bit increases.
 - ☐ 2. Access speed increases and cost per bit decreases
 - ☒ 3. Access speed decreases and cost per bit decreases
 - ☐ 4. Access speed increases and cost per bit increases

Q.15 If the mode of a data set exceeds its mean by 37.8, then the mode exceeds the median by _____.
(Use empirical formula.)

- Ans**
- ☐ 1. 31.6
 - ☐ 2. 29.3
 - ☒ 3. 25.2
 - ☐ 4. 24.8

Q.16 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Only two boxes are kept between G and B. Only A is kept above F. No box is kept below B. E is kept in some place below C, but in some place above D. How many boxes are kept above E?

- Ans**
- ☐ 1. 3
 - ☒ 2. 4
 - ☐ 3. 1
 - ☐ 4. 2

Q.17 A man covers distances of 819 km, 1476 km, and 1053 km at the speeds of 63 km/hr, x km/hr, and 81 km/hr, respectively. If his average speed for the whole journey is 54 km/hr, then what is the value of x?

- Ans**
- ☒ 1. 41
 - ☐ 2. 46
 - ☐ 3. 43
 - ☐ 4. 38

Q.18 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) * 1 * \$ 2 3 7 £ 1 7 @ 4 9 9 * 6 * 3 \$ 1 \$ @ (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

- Ans
- ☐ 1. 5
 - ☒ 2. 4
 - ☐ 3. 3
 - ☐ 4. 6

Q.19 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) * 6 8 @ 1 £ 9 5 3 @ \$ 9 © @ 7 9 £ @ 9 1 £ 6 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?

- Ans
- ☐ 1. 5
 - ☒ 2. 3
 - ☐ 3. 2
 - ☐ 4. 4

Q.20 Each of C, D, E, F, S, T and U has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. F has the exam on Thursday. C has the exam on one of the days after S and on one of the days before E. U has the exam on one of the days after T but on one of the days before D. T has the exam on one of the days after F. How many people have their exams between U and C?

- Ans
- ☐ 1. Two
 - ☒ 2. Three
 - ☐ 3. Four
 - ☐ 4. One

Q.21 In February 2025, five cheetahs were released into which national park of India?

- Ans
- ☒ 1. Kuno National Park
 - ☐ 2. Periyar Wildlife Sanctuary
 - ☐ 3. Gir National Park
 - ☐ 4. Kanha National Park

Q.22 In March 2025, which anniversary of National Defence Day was observed to honour the sacrifices of India's armed forces?

- Ans
- ☐ 1. 60th Anniversary
 - ☐ 2. 65th Anniversary
 - ☐ 3. 76th Anniversary
 - ☒ 4. 87th Anniversary

Q.23 What is the primary reason that roughage is included in a balanced human diet?

- Ans
- ☐ 1. It increases sugar absorption.
 - ☒ 2. It aids digestion and prevents constipation.
 - ☐ 3. It builds muscles.
 - ☐ 4. It helps in fat storage.

Q.24 A rectangular tin sheet is 17 cm long and 22 cm wide. It is rolled along its width to form a cylinder, with opposite edges just touching each other. Find the volume (in cm^3) of the cylinder.

Ans

☐ 1. $\frac{2054}{\pi}$

☐ 2. $\frac{2050}{\pi}$

☐ 3. $\frac{2053}{\pi}$

☒ 4. $\frac{2057}{\pi}$

Q.25 When the difference between compound interest, compounded annually, and simple interest for three years is ₹186 at 10% interest per annum, the principal is ₹_____.

Ans

☐ 1. 7,200

☐ 2. 5,425

☒ 3. 6,000

☐ 4. 6,420

Q.26 If the sum of three numbers a, b and c is 5, the sum of the product of is -2 and the product of the numbers a, b and c is 3. Find the value of

Ans

☒ 1. 164

☐ 2. 126

☐ 3. 159

☐ 4. 148

Q.27 Kiran borrowed a sum of ₹16,000 at a certain rate of simple interest for 2 years. If he paid an interest of ₹4,000 at the end of the period at x% per annum rate of interest, the value of x is:

Ans

☐ 1. 11.5

☒ 2. 12.5

☐ 3. 14.5

☐ 4. 13.5

Q.28 ABC and XYZ are two congruent triangles with $\angle A : \angle B : \angle C = 2 : 4 : 4$. Find $\angle X + \angle Z$.

Ans

☐ 1. 90°

☐ 2. 72°

☒ 3. 108°

☐ 4. 144°

Q.29 Which of the following is an example of an input device that allows users to interact with a computer by typing text?

Ans

☒ 1. Keyboard

☐ 2. Speaker

☐ 3. Printer

☐ 4. Monitor

Q.30 The volume (in m^3) of a cube, each of whose edges is 42 m, is:

- Ans
- ☐ 1. 74,009
 - ☒ 2. 74,088
 - ☐ 3. 74,236
 - ☐ 4. 74,283

Q.31 In February 2025, the Ministry of Corporate Affairs extended the deadline for private companies to dematerialise their securities. What is the new deadline?

- Ans
- ☒ 1. 30 June 2025
 - ☐ 2. 31 December 2025
 - ☐ 3. 30 September 2025
 - ☐ 4. 31 March 2025

Q.32 In a certain code language, 'OWNS' is coded as '5391' and 'SIDE' is coded as '2458'. What is the code for 'S' in the given code language?

- Ans
- ☐ 1. 4
 - ☐ 2. 2
 - ☒ 3. 5
 - ☐ 4. 1

Q.33 Which of the following ratios is greatest?

- Ans
- ☐ 1. 18 : 57
 - ☐ 2. 27 : 54
 - ☐ 3. 27 : 57
 - ☒ 4. 30 : 49

Q.34 If both roots of the quadratic equation, $x^2 + 3x + 2 = 0$, are also roots of another quadratic equation, $ax^2 + bx + c = 0$, then which of the following must be true?

- Ans
- ☐ 1. $\frac{a}{1} = \frac{b}{2} = \frac{c}{3}$
 - ☐ 2. $a + 3b + 2c = 0$
 - ☐ 3. $a = b = c$
 - ☒ 4. $ax^2 + bx + c$ must be a multiple of $x^2 + 3x + 2$

Q.35 Which of the following is NOT correctly matched?

- Ans
- ☐ 1. Kol Rebellion - Jharkhand
 - ☐ 2. Lushai Revolt - Assam
 - ☒ 3. Heraka Movement - West Bengal
 - ☐ 4. Ramosi Rebellion - Maharashtra

Q.36 A, B, C, D, G, H and I are sitting around a circular table facing the centre of the table. Only one person sits between D and G when counted from the left of G. H sits third to the right of I. C sits third to the left of A. H sits to the immediate right of C. B is not an immediate neighbour of C. How many people sit between B and G when counted from the right of B?

- Ans
- ☐ 1. Two
 - ☐ 2. One
 - ☒ 3. Three
 - ☐ 4. Four

Q.37 Under the reign of Islamic rulers, which among the following used to be a private building?

- Ans** ☒ 1. Diwan-i-khas
☐ 2. Sarai
☐ 3. Bridges
☐ 4. Katra

Q.38 Simplify:

$$\frac{7^2 \times 7^3}{\sqrt{49} \times \sqrt{2401}}$$

- Ans** ☐ 1. 59
☒ 2. 49
☐ 3. 46
☐ 4. 58

Q.39 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans** ☐ 1. NT – QL
☒ 2. RX – VP
☐ 3. AG – DY
☐ 4. GM – JE

Q.40 The mode of the observations 4, 1, 5, 2, 8, 6, 7, 4, 3, 5, 1, 6, 4, 9 and 4 is:

- Ans** ☒ 1. 4
☐ 2. 5
☐ 3. 2
☐ 4. 1

Q.41 If the eight-digit number 31425p99 is divisible by 9, then the maximum value of p is:

- Ans** ☐ 1. 8
☒ 2. 3
☐ 3. 5
☐ 4. 4

Q.42 In the balanced reaction $2\text{Al} + 3\text{Cl}_2 \rightarrow 2\text{AlCl}_3$, what is the mole ratio of aluminium to aluminium chloride?

- Ans** ☒ 1. 2 : 2
☐ 2. 1 : 2
☐ 3. 2 : 3
☐ 4. 3 : 2

Q.43 A man spends 30% of his monthly salary on house rent. If every month, he also spends ₹751 on conveyance and ₹8,481 on grocery and saves the remaining ₹715, his monthly salary is:

- Ans** ☐ 1. ₹14,261
☐ 2. ₹14,206
☐ 3. ₹14,301
☒ 4. ₹14,210

Q.44 In a certain code language, 'LIKE' is coded as '6284' and 'HAIR' is coded as '9578'.

What is the code for 'I' in the given code language?

- Ans
- ☐ 1. 7
 - ☐ 2. 9
 - ☒ 3. 8
 - ☐ 4. 2

Q.45 A man receives ₹5,140 per month as salary. He saves 35% of his salary every month. His expenditure per month is:

- Ans
- ☐ 1. ₹3,380
 - ☐ 2. ₹3,361
 - ☐ 3. ₹3,251
 - ☒ 4. ₹3,341

Q.46 Which of the following modern physicist closely examined Newtonian mechanics' foundations?

- Ans
- ☐ 1. Galileo Galilei
 - ☐ 2. James Clerk Maxwell
 - ☒ 3. Albert Einstein
 - ☐ 4. Ernst Mach

Q.47 NW -19 is related to PZ -10 in a certain way. In the same way, RD -12 is related to TG -3. To which of the given options is WU -2 related, following the same logic?

- Ans
- ☐ 1. ZA -5
 - ☐ 2. ZZ -5
 - ☐ 3. XA -7
 - ☒ 4. YX -7

Q.48 Mohan bought 51 books at ₹1,120 per book from one shop and 48 books at ₹900 per book from another. What is the average price (rounded off to two decimal places, in ₹) he paid per book?

- Ans
- ☒ 1. 1,013.33
 - ☐ 2. 1,028.33
 - ☐ 3. 1,023.33
 - ☐ 4. 1,003.33

Q.49 Mr. K starts from Point Z and drives 6 km towards the north. He then takes a right turn, drives 3 km, turns right and drives 11 km. He then takes a right turn and drives 10 km. He then takes a final right turn, drives 5 km and stops at Point B. How far (shortest distance) and towards which direction should he drive in order to reach Point Z again? (All turns are 90 degree turns only unless specified.)

- Ans
- ☒ 1. 7 km towards the east
 - ☐ 2. 11 km towards the north
 - ☐ 3. 4 km towards the west
 - ☐ 4. 4 km towards the south

Q.50 Seven people, I, J, K, L, O, P and Q are sitting in a row, facing north. Only three people sit between I and J. L sits to the immediate left of J. No one sits to the right of Q. Only two people sit between Q and L. K sits to the immediate right of P. How many people sit between O and K?

- Ans**
- ☐ 1. Four
 - ☒ 2. Two
 - ☐ 3. Three
 - ☐ 4. One

Q.51 Which of the following options best describes the principle of 'collective executive responsibility' as applicable to the Council of Ministers in India?

- Ans**
- ☒ 1. All ministers share full responsibility for government decisions.
 - ☐ 2. Each minister is independent and is solely accountable for his/her actions.
 - ☐ 3. Only the Prime Minister is responsible for decision-making.
 - ☐ 4. Ministers can opt out of collective responsibility if they disagree publicly.

Q.52 The Nizam of Hyderabad tried to project his rule as:

- Ans**
- ☒ 1. a Muslim sovereignty in Deccan
 - ☐ 2. a secular republic
 - ☐ 3. a British protectorate
 - ☐ 4. a Hindu monarchy

Q.53 The average of 36 numbers is 45. If two numbers 37 and 53 are discarded, find the average of the remaining numbers.

- Ans**
- ☐ 1. 43
 - ☐ 2. 40
 - ☐ 3. 42
 - ☒ 4. 45

Q.54 What should come in place of the question mark (?) in the given series?

942 940 936 930 922 ?

- Ans**
- ☐ 1. 910
 - ☐ 2. 908
 - ☒ 3. 912
 - ☐ 4. 906

Q.55 Which of the following urban areas is identified as Million Plus Urban Agglomerations Cities as per Census of India 2001?

- Ans**
- ☐ 1. Kannauj
 - ☒ 2. Lucknow
 - ☐ 3. Chandigarh
 - ☐ 4. Dehradun

Q.56 Who has the authority to make laws for multi-state co-operative societies?

- Ans**
- ☐ 1. State Legislature
 - ☒ 2. Parliament
 - ☐ 3. High Court
 - ☐ 4. District Collector

Q.57 Which of the following is NOT mentioned in Part IV of the Indian Constitution?

- Ans**
- ☐ 1. Promotion of international peace and security
 - ☐ 2. Organisation of agricultural and animal husbandry
 - ☒ 3. Promotion of Hindi language as a medium of expression
 - ☐ 4. Provision for free and compulsory education for children

Q.58 Which of the following devices can function as both input and output devices?

- Ans**
- ☐ 1. Scanner
 - ☒ 2. Touch Screen
 - ☐ 3. Projector
 - ☐ 4. Microphone

Q.59 Three numbers are in the ratio 2 : 1 : 5, and their LCM is 5380. Their HCF is:

- Ans**
- ☒ 1. 538
 - ☐ 2. 541
 - ☐ 3. 537
 - ☐ 4. 539

Q.60 In applications with multiple tabs (like browsers or MS Word), what does Ctrl + Tab do?

- Ans**
- ☐ 1. Opens a new tab
 - ☒ 2. Switches to the next tab
 - ☐ 3. Refreshes the tab
 - ☐ 4. Closes the current tab

Q.61 In a certain code language,
'A + B' means 'A is the sister of B'
'A - B' means 'A is the brother of B'
'A × B' means 'A is the wife of B'
'A ÷ B' means 'A is the father of B'.

Based on the above, how is M related to Q if 'M ÷ N + O × P - Q'?

- Ans**
- ☐ 1. Wife's Father
 - ☒ 2. Brother's Wife's Father
 - ☐ 3. Brother's Wife's Brother
 - ☐ 4. Wife's Brother

Q.62 Agro-forestry was conceived on the recommendation of which policy to promote plantation on farmlands?

- Ans**
- ☒ 1. National Agro-forestry Policy, 2014
 - ☐ 2. National Agro-forestry Policy, 2019
 - ☐ 3. National Forest Policy of 2018
 - ☐ 4. Protection of Plant Varieties & Farmers' Rights Act, 2001

Q.63 2 bags and 11 pens together cost ₹505, whereas 10 bags and 10 pens together cost ₹1310. The cost of 8 bags exceeds the cost of 8 pens by:

- Ans**
- ☒ 1. ₹616
 - ☐ 2. ₹618
 - ☐ 3. ₹619
 - ☐ 4. ₹617

Q.64 Evaluate: $30 - [30 - \{30 - (30 - 30 \times 3)\}]$

- Ans
- ☐ 1. 109
 - ☐ 2. 107
 - ☐ 3. 105
 - ☒ 4. 90

Q.65 Consider a computer system with a multi-core processor. What is the primary advantage of having multiple cores compared to a single-core processor with the same clock speed when executing multiple independent tasks simultaneously?

- Ans
- ☐ 1. Enhanced speed for executing a single, heavily threaded application
 - ☒ 2. Improved ability to handle and execute multiple separate processes concurrently
 - ☐ 3. Reduced power consumption for the overall system
 - ☐ 4. Increased capacity for the system's main memory (RAM)

Q.66 In January 2025, National Youth Day was celebrated to mark the birth anniversary of which Indian leader?

- Ans
- ☐ 1. Subhas Chandra Bose
 - ☐ 2. Rabindranath Tagore
 - ☐ 3. Raja Rammohan Roy
 - ☒ 4. Swami Vivekananda

Q.67 In a certain code language, 'friends good company' is coded as 'li ta ph' and 'friends create nostalgia' is coded as 'ta bu cy'. How is 'friends' coded in the given language?

- Ans
- ☐ 1. li
 - ☐ 2. ph
 - ☐ 3. bu
 - ☒ 4. ta

Q.68 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 3518642, then what will the sum of the digits that are second from the left and second from the right in the new number thus formed be?

- Ans
- ☐ 1. 6
 - ☐ 2. 7
 - ☒ 3. 8
 - ☐ 4. 9

Q.69 What is another name for the Great Himalayan range?

- Ans
- ☐ 1. Shiwalik Range
 - ☐ 2. Northeastern Hills
 - ☒ 3. Inner Himalayas
 - ☐ 4. Central Axial Range

Q.70 Under which List of the Indian Constitution are co-operative societies classified?

- Ans
- ☒ 1. State List
 - ☐ 2. Concurrent List
 - ☐ 3. Union List
 - ☐ 4. Residuary Powers

Q.71 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) * 4 * 2 9 @ @ 8 3 £ \$ 6 4 £ * 4 8 £ % 9 8 8 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans**
- ☐ 1. 6
 - ☐ 2. 3
 - ☒ 3. 4
 - ☐ 4. 5

Q.72 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 - Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(41, 34, 24)
(63, 80, 23)

- Ans**
- ☒ 1. (43, 40, 23)
 - ☐ 2. (17, 2, 19)
 - ☐ 3. (17, 14, 11)
 - ☐ 4. (46, 86, 24)

Q.73 A shopkeeper expects a gain of 34% on his cost price. If, in a week, his sales proceeds were ₹3,417, what was his profit (in ₹)?

- Ans**
- ☐ 1. 865
 - ☒ 2. 867
 - ☐ 3. 864
 - ☐ 4. 870

Q.74 What should come in place of the question mark (?) in the given series?

189 166 155 132 121 98 ?

- Ans**
- ☒ 1. 87
 - ☐ 2. 92
 - ☐ 3. 66
 - ☐ 4. 75

Q.75 Which of the following statements regarding the Industrial Sector in India is/are correct?

1. According to National Manufacturing Policy 2011, every job created in the manufacturing sector creates two-three additional jobs in related activities.
2. Industries add value to the existing goods and also to the skill of labour employed in it; therefore, this sector is also considered a transformational sector.
3. As industries employ a large part of the population, industrial development is one of the preconditions for the eradication of unemployment and poverty from our country.

- Ans**
- ☐ 1. Only 1 and 2
 - ☐ 2. Only 3
 - ☐ 3. Only 2 and 3
 - ☒ 4. 1, 2 and 3

Q.76 The marked price of a wardrobe is ₹668, which is 22% above the cost price. If the profit percentage is 7%, find the discount percentage (rounded off to two decimal places).

- Ans**
- ☐ 1. 9.87%
 - ☐ 2. 11.79%
 - ☐ 3. 9.52%
 - ☒ 4. 12.30%

Q.77 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☒ 1. PI - KJ
 - ☐ 2. NR - OS
 - ☐ 3. KO - LP
 - ☐ 4. QU - RV

Q.78 Each of the digits in the number 8514932 is arranged in the descending order from left to right. The position(s) of how many digits will remain unchanged in the new number thus formed as compared to that in the original number?

- Ans**
- ☒ 1. 1
 - ☐ 2. 3
 - ☐ 3. 4
 - ☐ 4. 2

Q.79 What significant financial commitment was agreed upon during the extended session of COP16 in Rome?

- Ans**
- ☒ 1. \$200 billion annually for biodiversity conservation
 - ☐ 2. \$250 billion annually for sustainable agriculture
 - ☐ 3. \$100 billion annually for climate adaptation
 - ☐ 4. \$150 billion annually for renewable energy

Q.80 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

BI16, EL24, HO32, KR40, ?

- Ans**
- ☐ 1. NU47
 - ☒ 2. NU48
 - ☐ 3. NV48
 - ☐ 4. NV47

Q.81 Which of the following changes was introduced in 2024 under the Companies Act amendments to enhance corporate social responsibility (CSR) transparency in India?

- Ans**
- ☐ 1. Requirement for at least 50% of board members to be CSR specialists
 - ☒ 2. Mandatory quarterly CSR reporting accompanied by independent audits
 - ☐ 3. Exemption of companies with a turnover below ₹500 crore from CSR obligations
 - ☐ 4. Reduction in the minimum CSR spending threshold for all eligible companies

Q.82 The selling price of 10 books is equal to the cost price of 16 books. Find the loss or gain percentage.

- Ans**
- ☐ 1. $\frac{50}{3}\%$ loss
 - ☐ 2. $\frac{50}{3}\%$ gain
 - ☐ 3. 60% loss
 - ☒ 4. 60% gain

Q.83 What is India's Human Development Index (HDI) value in the 2025 Human Development Index Report?

- Ans**
- ☒ 1. 0.685
 - ☐ 2. 0.575
 - ☐ 3. 0.690
 - ☐ 4. 0.675

Q.84 The base and the corresponding height of a parallelogram are 97 cm and 43 cm, respectively. The area of the parallelogram (in cm^2) will be:

- Ans**
- ☒ 1. 4171
 - ☐ 2. 4191
 - ☐ 3. 4165
 - ☐ 4. 4184

Q.85 Which plateau lies between the Aravali and the Vindhya Range?

- Ans**
- ☐ 1. Chota Nagpur
 - ☐ 2. Meghalaya
 - ☐ 3. Deccan
 - ☒ 4. Malwa

Q.86 If 'P' stands for '+', 'Q' stands for '×', 'R' stands for '+' and 'S' stands for '-', then the resultant of which of the following would be 50?

- Ans**
- ☐ 1. 24 R 4 P 28 Q 12 S 6
 - ☐ 2. 24 Q 4 R 28 S 12 P 6
 - ☐ 3. 24 S 4 Q 28 P 12 R 6
 - ☒ 4. 24 P 4 S 28 R 12 Q 6

Q.87 A tap fills a cistern in 18 hours. Another tap empties the full tank in 24 hours. How long (in hours) will it take to fill three-fourth of the tank, if the tank is empty initially and both the taps are open together?

- Ans**
- ☐ 1. 162
 - ☐ 2. 216
 - ☐ 3. 108
 - ☒ 4. 54

Q.88 The mean proportional between $(13 + 8\sqrt{5})$ and $(10 - 2\sqrt{5})$ is:

- Ans**
- ☐ 1. $10\sqrt{2}$
 - ☐ 2. $\sqrt{54 + 50\sqrt{5}}$
 - ☐ 3. $5\sqrt{2}$
 - ☒ 4. $\sqrt{50 + 54\sqrt{5}}$

Q.89 According to the NITI Aayog's policy brief 'India's Booming Gig and Platform Economy' (2022), what is the projected size of the gig workforce in India by 2029-30?

- Ans**
- ☐ 1. 45 million
 - ☐ 2. 35 million
 - ☐ 3. 50 million
 - ☒ 4. 23.5 million

Q.90 A cistern has a hole in the bottom through which the water is leaking. A tap can fill the cistern in 8 hours and the hole in the bottom can empty the fully filled cistern in 10 hours. If both the tap and the hole are open, then what will be the time taken to completely fill the empty cistern?

- Ans**
- ☒ 1. 40 hours
 - ☐ 2. 34 hours
 - ☐ 3. 48.5 hours
 - ☐ 4. 21.5 hours

Q.91 According to the 2011 Census, which island in Lakshadweep has the smallest population?

- Ans**
- ☐ 1. Agatti
 - ☐ 2. Kavaratti
 - ☐ 3. Kalpeni
 - ☒ 4. Bitra

Q.92 A, B, C, D, E and W live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. No one lives below D. Only two people live between E and W. Only two people live between C and A. Only one person lives between D and A. E lives on some floor above A. How many people live below B?

- Ans**
- ☒ 1. Three
 - ☐ 2. Two
 - ☐ 3. Four
 - ☐ 4. One

Q.93 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: OLM :: HEF : %

- Ans**
- ☐ 1. # = POP, % = EUC
 - ☒ 2. # = ROP, % = EBC
 - ☐ 3. # = RVP, % = EQZ
 - ☐ 4. # = RUI, % = ESA

Q.94 Which Hindustani music style has originated from the folk songs of the camel-riders of North-West India?

- Ans**
- ☒ 1. Tappa
 - ☐ 2. Thumri
 - ☐ 3. Khayal
 - ☐ 4. Dhrupad

Q.95 What provision was sanctioned by the Charter Act of 1813?

- Ans**
- ☒ 1. Introduction of western sciences
 - ☐ 2. Doctrine of Lapse
 - ☐ 3. Ban on child labour
 - ☐ 4. Railways in India

Q.96 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

IF-KH-OQ
KH-MJ-QS

- Ans**
- ☐ 1. MJ-OL-SV
 - ☐ 2. NJ-OL-SV
 - ☒ 3. MJ-OL-SU
 - ☐ 4. NJ-OK-SV

Q.97 How many launches of the LVM-3 rocket are planned for the Chandrayaan-4 mission?

- Ans**
- ☐ 1. One
 - ☐ 2. Four
 - ☐ 3. Three
 - ☒ 4. Two

Q.98 IL 17 is related to LN 12 in a certain way. In the same way, MN 12 is related to PP 7. To which of the given options is VR 4 related, following the same logic?

- Ans**
- ☐ 1. NF -7
 - ☒ 2. YT -1
 - ☐ 3. BX -9
 - ☐ 4. VX -3

Q.99 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All boys are handsome.
Some handsome are cars.
Some cars are grey.

Conclusions:

(I) All handsome are boys.
(II) All cars are handsome.

- Ans**
- ☐ 1. Both conclusions (I) and (II) follow.
 - ☐ 2. Only conclusion (II) follows.
 - ☐ 3. Only conclusion (I) follows.
 - ☒ 4. Neither conclusion (I) nor (II) follows.

Q.100 Which of the following authorities was strengthened in 2024 to enforce penalties and green clearances under India's environmental regulations?

- Ans**
- ☐ 1. National Biodiversity Authority
 - ☒ 2. Central Pollution Control Board
 - ☐ 3. National Environment Management Authority
 - ☐ 4. Forest Advisory Council



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	iON Digital Zone iDZ Albert Road
Test Date	13/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 How many major ragas are there in Carnatic music?

Ans ☒ 1. 70

☒ 2. 72

☒ 3. 75

☒ 4. 62

Q.2 731 metallic cubes with a side length of 3.6 cm are available to be melted and formed into a machine part consisting of two solid cones with a base radius of 5.4 cm, joined at their bases. The heights of the cones are 49 cm and 35 cm, respectively. How many cubes will be surplus after the formation of the two cones? (Take $\pi = 3.14$)

Ans ☒ 1. 676

☒ 2. 668

☒ 3. 666

☒ 4. 680

Q.3 Who among the following was appointed as the new Chairperson of the National Human Rights Commission (NHRC) in December 2024?

Ans ☒ 1. V Ramasubramanian

☒ 2. Arun Mishra

☒ 3. Justice Bidyut Ranjan Sarangi

☒ 4. Justice HL Dattu

Q.4 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 3154872, what will be the difference between the digits which are second from the left and second from the right in the new number thus formed?

Ans ☒ 1. 6

☒ 2. 5

☒ 3. 4

☒ 4. 7

Q.5 A man receives ₹4,900 per month as salary. He saves 17% of his salary every month. His expenditure per month is:

Ans ☒ 1. ₹3,972

☒ 2. ₹4,112

☒ 3. ₹4,067

☒ 4. ₹4,132

Q.6 India Infoline Finance Limited (IIFL Finance), India's leading non-banking financial companies (NBFCs), has rebranded how many of its existing branches as all-women staffed 'Shakti' branches to mark Women's Day (8 March 2025)?

- Ans**
- ☒ 1. Seven
 - ☐ 2. Five
 - ☐ 3. Eight
 - ☐ 4. Six

Q.7 M is inversely proportional to N. If M is 18, then N is 10. If N = 9, then what is the value of M?

- Ans**
- ☐ 1. 22
 - ☐ 2. 23
 - ☒ 3. 20
 - ☐ 4. 21

Q.8 Which of the following scenarios would most likely result in a '#REF!' error in an MS Excel formula?

- Ans**
- ☐ 1. Attempting to divide a number by zero within a cell
 - ☒ 2. Deleting a row or column that contains cells referenced by a formula in another worksheet
 - ☐ 3. Referring to a cell that contains a text value in a mathematical operation
 - ☐ 4. Entering a formula that exceeds the maximum allowed length in Excel

Q.9 Where is the Indian naval air station INS Baaz located?

- Ans**
- ☐ 1. Minicoy Island
 - ☐ 2. Car Nicobar Island
 - ☒ 3. Great Nicobar Island
 - ☐ 4. Little Andaman Island

Q.10 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

XCH RWB LQV FKP ?

- Ans**
- ☐ 1. JEZ
 - ☒ 2. ZEJ
 - ☐ 3. ZJE
 - ☐ 4. JZE

Q.11 What is the primary industrial process of producing phenol worldwide, and what is the intermediate used in this process?

- Ans**
- ☒ 1. Cumene process, cumene hydroperoxide
 - ☐ 2. Hock process, benzene
 - ☐ 3. Dow process, toluene
 - ☐ 4. Raschig process, chlorobenzene

Q.12 A man spends 75% of his monthly salary on house rent. If every month, he also spends ₹653 on conveyance and ₹6,229 on grocery and saves the remaining ₹446, his monthly salary is:

- Ans**
- ☐ 1. ₹29,230
 - ☐ 2. ₹29,308
 - ☒ 3. ₹29,312
 - ☐ 4. ₹29,251

Q.13 What should come in place of the question mark (?) in the given series?

952 950 946 940 932 ?

- Ans
- ☐ 1. 919
 - ☐ 2. 918
 - ☒ 3. 922
 - ☐ 4. 921

Q.14 The selling price of 24 books is equal to the cost price of 30 books. Find the loss or gain percentage.

- Ans
- ☐ 1. $\frac{50}{3}\%$ gain
 - ☒ 2. 25% gain
 - ☐ 3. 25% loss
 - ☐ 4. $\frac{50}{3}\%$ loss

Q.15 What is the mean of the following distribution?

Marks	12	22	58	79	89
No. of Students	98	74	17	28	44

- Ans
- ☐ 1. 53
 - ☐ 2. 22
 - ☐ 3. 60
 - ☒ 4. 38

Q.16 What major power did the 74th Amendment Act, 1992, provide to Urban Local Bodies?

- Ans
- ☒ 1. Constitutional outline for governance
 - ☐ 2. Authority to control State Legislatures
 - ☐ 3. Complete independence from State control
 - ☐ 4. Right to enact national laws

Q.17 A tap fills a cistern in 18 hours. Another tap empties the full tank in 24 hours. How long (in hours) will it take to fill one-fourth of the tank, if the tank is empty initially and both the taps are open together?

- Ans
- ☐ 1. 36
 - ☐ 2. 72
 - ☐ 3. 54
 - ☒ 4. 18

Q.18 Two positive numbers differ by 2880. When the greater number is divided by the smaller number, the quotient is 6 and the remainder is 120. What is the HCF of the greater of the two given numbers and 3916?

- Ans
- ☒ 1. 44
 - ☐ 2. 45
 - ☐ 3. 42
 - ☐ 4. 48

Q.19 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

KG-NJ-PR
MI-PL-RT

- Ans**
- ☐ 1. OK-RN-TU
 - ☐ 2. PK-RN-TU
 - ☒ 3. OK-RN-TV
 - ☐ 4. PK-RM-TU

Q.20 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. HL - NI
 - ☐ 2. MQ - SN
 - ☐ 3. CG - ID
 - ☒ 4. TX - ZV

Q.21 The value of $43 + [2 + \{55 - (28 \div 7)\} \div 3]$ is:

- Ans**
- ☐ 1. 68
 - ☐ 2. 55
 - ☐ 3. 65
 - ☒ 4. 62

Q.22 Which Act transferred the power of governance from the East India Company to the British Crown?

- Ans**
- ☐ 1. Charter Act, 1833
 - ☐ 2. Pitt's India Act, 1784
 - ☐ 3. Regulating Act, 1773
 - ☒ 4. Government of India Act, 1858

Q.23 What is the average of the following numbers: 14, 16, 27, 31, 39, 44, 51 and 58.

- Ans**
- ☐ 1. 39
 - ☒ 2. 35
 - ☐ 3. 33
 - ☐ 4. 37

Q.24 The compound interest earned in 1 year on ₹4,80,000 at the rate of 20% per annum, compounded quarterly, is:

- Ans**
- ☐ 1. ₹1,04,227
 - ☐ 2. ₹1,04,435
 - ☒ 3. ₹1,03,443
 - ☐ 4. ₹1,04,200

Q.25 In December 2024, Pooja Sharma was named among BBC's 100 Most Inspiring Women. What remarkable social service is she known for?

- Ans**
- ☐ 1. Educating tribal girls
 - ☒ 2. Performing last rites for unclaimed bodies
 - ☐ 3. Rescuing abandoned animals
 - ☐ 4. Running a free kitchen

Q.26 A local train without stoppages runs at an average speed of 88 km/hr, and with stoppages, at an average speed of 24 km/hr. What is the total time (in hours) taken by the local train for stoppages on a route of length 528 km?

- Ans**
- ☐ 1. 7
 - ☒ 2. 16
 - ☐ 3. 25
 - ☐ 4. 10

Q.27 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Only A is kept above C. Only F is kept between C and E. Only B is kept below G. How many boxes are kept above E?

- Ans**
- ☐ 1. 1
 - ☒ 2. 3
 - ☐ 3. 2
 - ☐ 4. 4

Q.28 Four numbers are in the ratio of 16 : 10 : 9 : 17 respectively. If the sum of these four numbers is 6292, then what is the sum of the first and the third number?

- Ans**
- ☐ 1. 3074
 - ☐ 2. 3031
 - ☐ 3. 3070
 - ☒ 4. 3025

Q.29 2 times the present age of Urvashi is 6 years more than the present age of Ayushi. The present age of Mohan is 4 times the present age of Urvashi, and Ayushi is 8 years younger than Sanju. If the sum of the present ages of Mohan and Sanju is 50 years, then Urvashi's present age (in years) is:

- Ans**
- ☐ 1. 7
 - ☐ 2. 14
 - ☐ 3. 15
 - ☒ 4. 8

Q.30 The Tapti River originates from which mountain range?

- Ans**
- ☐ 1. Vindhya Range
 - ☐ 2. Western Ghats
 - ☒ 3. Satpura Range
 - ☐ 4. Aravalli Range

Q.31 What is the purpose of the Find and Replace feature (Ctrl + H) in MS Word 2019?

- Ans**
- ☒ 1. To search for specific text and replace it with other text
 - ☐ 2. To change the font of the selected text
 - ☐ 3. To adjust paragraph spacing
 - ☐ 4. To insert hyperlinks

Q.32 A, B, C, D, E, F and G are sitting around a circular table facing the centre. A sits third to the right of G. C sits second to the right of D. G is not an immediate neighbour of C. E sits to the immediate left of B. How many people sit between D and B when counted from the left of D?

- Ans**
- ☐ 1. None
 - ☐ 2. Three
 - ☐ 3. Four
 - ☒ 4. Two

Q.33 What is the IMF's revised global growth forecast for 2025 as per IMF's April 2025 Global Financial Stability Report?

- Ans**
- ☐ 1. 2.9%
 - ☒ 2. 2.8%
 - ☐ 3. 3.5%
 - ☐ 4. 1.7%

Q.34 If $2.5 : 40.6 :: 40.6 : x$, then find the value of x .

- Ans**
- ☐ 1. 665.032
 - ☐ 2. 658.357
 - ☐ 3. 655.425
 - ☒ 4. 659.344

Q.35 When applying a watermark to an MS Word document, which of the following settings offers the LEAST control over its precise placement and size on each page?

- Ans**
- ☐ 1. Inserting a custom text watermark with specific layout options
 - ☐ 2. Inserting a graphic as a header or footer and positioning it behind the text
 - ☒ 3. Utilising a predefined watermark template from the 'Watermark' gallery
 - ☐ 4. Inserting a custom picture watermark and adjusting its scale and wash-out settings

Q.36 Bal Gangadhar Tilak, a prominent extremist leader, wrote the newspaper 'Mahratta' in which language?

- Ans**
- ☐ 1. Bengali
 - ☐ 2. Hindi
 - ☐ 3. Marathi
 - ☒ 4. English

Q.37 According to the Economic Survey 2023-24, what percentage of India's population is expected to reside in urban areas by 2030?

- Ans**
- ☒ 1. 40%
 - ☐ 2. 45%
 - ☐ 3. 35%
 - ☐ 4. 50%

Q.38 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. PQ - KL
 - ☐ 2. QR - LM
 - ☐ 3. HI - CD
 - ☒ 4. LK - KJ

Q.39 What is India's rank in Transparency International's 2024 Corruption Perceptions Index?

- Ans**
- ☐ 1. 95th
 - ☐ 2. 93rd
 - ☒ 3. 96th
 - ☐ 4. 98th

Q.40 This question is based on the five, three-digit numbers given below.
(Left) 236 758 230 563 263 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the lowest number is subtracted from the first digit of the highest number?

- Ans**
- ☐ 1. 4
 - ☐ 2. 6
 - ☐ 3. 7
 - ☒ 4. 5

Q.41 Radhe starts from Point A and drives 8 km towards North. He then takes a left turn, drives 9 km, turns left and drives 12 km. He then takes a left turn and drives 11 km. He takes a final left turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified)

- Ans**
- ☐ 1. 3 km to the west
 - ☒ 2. 2 km to the west
 - ☐ 3. 4 km to the west
 - ☐ 4. 1 km to the west

Q.42 Each of the digits in the number 4917523 is arranged in the ascending order from left to right. Which of the following digits will be third from the left?

- Ans**
- ☒ 1. 3
 - ☐ 2. 4
 - ☐ 3. 2
 - ☐ 4. 5

Q.43 Which feature in MS-PowerPoint 2019 allows you to reuse slides from another presentation without copying content manually?

- Ans**
- ☐ 1. Animation Painter
 - ☐ 2. Slide Master
 - ☒ 3. Reuse Slides (under the Home tab)
 - ☐ 4. Format Painter

Q.44 Chandragupta was succeeded by which of the following rulers, who ruled between 297 and 273 BCE?

- Ans**
- ☒ 1. Bindusara
 - ☐ 2. Samprati
 - ☐ 3. Ashoka
 - ☐ 4. Devavarman

Q.45 Which Russian city hosted the 2024 BRICS Summit in October 2024?

- Ans**
- ☐ 1. St. Petersburg
 - ☐ 2. Sochi
 - ☐ 3. Moscow
 - ☒ 4. Kazan

Q.46 Mahesh borrowed a sum of ₹14,000 at a certain rate of simple interest for 4 years. If he paid an interest of ₹3,500 at the end of the period at $x\%$ per annum rate of interest, the value of x is:

- Ans**
- ☐ 1. 7.25
 - ☐ 2. 5.25
 - ☒ 3. 6.25
 - ☐ 4. 8.25

Q.47 The sum of five numbers is 655. The average of the first two numbers is 77 and the third number is 128. Find the average of the remaining two numbers.

- Ans**
- ☐ 1. 206
 - ☐ 2. 187.5
 - ☐ 3. 205
 - ☒ 4. 186.5

Q.48 The curved surface area of a right circular cone is $5904\pi \text{ cm}^2$, and the diameter of its base is 72 cm. Find the height (in cm) of the cone.

- Ans**
- ☐ 1. 159
 - ☐ 2. 158
 - ☐ 3. 162
 - ☒ 4. 160

Q.49 In a certain code language, 'RIPE' is coded as '5987' and 'FIRE' is coded as '8751'. What is the code for 'F' in the given code language?

- Ans**
- ☒ 1. 1
 - ☐ 2. 7
 - ☐ 3. 5
 - ☐ 4. 8

Q.50 If the ratio of two numbers a and b is $5 : 3$, then find the value of $(3a - 2b) : (6a + 2b)$.

- Ans**
- ☐ 1. $2 : 3$
 - ☒ 2. $1 : 4$
 - ☐ 3. $4 : 5$
 - ☐ 4. $1 : 3$

Q.51 What is the focus of the National Technical Textiles Mission?

- Ans**
- ☒ 1. Growth of technical textiles
 - ☐ 2. Import substitution of technical textiles
 - ☐ 3. Promoting traditional handloom textiles
 - ☐ 4. Providing subsidies for fashion apparel industry

Q.52 Seven boxes, D, E, F, G, S, T and U, are kept one over the other but not necessarily in the same order. Only three boxes are kept below D. Only two boxes are kept between D and U. Only G is kept above T. E is kept at some place below F and at some place above S. Which box is kept at second position from the bottom?

- Ans**
- ☐ 1. F
 - ☒ 2. S
 - ☐ 3. U
 - ☐ 4. D

Q.53 In a certain code language, 'MOVE' is coded as '4826' and 'IRON' is coded as '1352'.

What is the code for 'O' in the given code language?

- Ans**
- ☐ 1. 5
 - ☐ 2. 4
 - ☐ 3. 8
 - ☒ 4. 2

Q.54 The marked price of a sofa is ₹578, which is 34% above the cost price. If the profit percentage is 10%, find the discount percentage (rounded off to two decimal places).

- Ans**
- ☐ 1. 21.84%
 - ☒ 2. 17.91%
 - ☐ 3. 15.83%
 - ☐ 4. 20.61%

Q.55 Which of the following organisms exhibits both autotrophic and heterotrophic modes of nutrition?

- Ans**
- ☐ 1. Paramecium
 - ☒ 2. Euglena
 - ☐ 3. Plasmodium
 - ☐ 4. Amoeba

Q.56 F is the sister of G. G is the husband of H. H is the daughter of I. I is the husband of J. How is F related to J?

- Ans**
- ☐ 1. Husband's sister
 - ☐ 2. Daughter's husband's mother
 - ☐ 3. Husband's mother
 - ☒ 4. Daughter's husband's sister

Q.57 Simplify the following:

$$\frac{96}{39}(91 + 26) - 103$$

- Ans**
- ☐ 1. 9
 - ☐ 2. 10
 - ☒ 3. 185
 - ☐ 4. 88

Q.58 If 'P' stands for '+', 'Q' stands for '×', 'R' stands for '+' and 'S' stands for '-', then the resultant of which of the following would be 38?

- Ans**
- ☐ 1. 32 R 8 S 30 Q 16 P 4
 - ☒ 2. 32 P 8 S 30 R 16 Q 4
 - ☐ 3. 32 S 8 R 30 Q 16 P 4
 - ☐ 4. 32 Q 8 R 30 S 16 P 4

Q.59 A quadratic equation is given by $x^2 - 6x + k = 0$. Find the value of k for which the equation has equal real roots.

- Ans**
- ☒ 1. 9
 - ☐ 2. 7
 - ☐ 3. 11
 - ☐ 4. 5

Q.60 To promote agricultural exports and global competitiveness, reforms were extended to the agricultural sector as well. Which of the following initiatives aims to create a seamless national market for agricultural commodities?

- Ans**
- ✓ 1. e-NAM
 - ✗ 2. APMC Act
 - ✗ 3. Kisan Credit Card
 - ✗ 4. PM-KISAN

Q.61 In one of his famous works, Yahya bin Ahmad Sirhindi claims that the founder of the ____ was a descendant of the Prophet Muhammad.

- Ans**
- ✓ 1. Sayyid Dynasty
 - ✗ 2. Tughlaq Dynasty
 - ✗ 3. Ghaznavid Dynasty
 - ✗ 4. Ghurid Dynasty

Q.62 This question is based on the five, three-digit numbers given below.
(Left) 194 932 446 225 493 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is added to the second digit of the lowest number?

- Ans**
- ✗ 1. 16
 - ✓ 2. 18
 - ✗ 3. 15
 - ✗ 4. 17

Q.63 6 is related to 42 following a certain logic. Following the same logic, 4 is related to 28. To which of the following is 7 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ✓ 1. 49
 - ✗ 2. 42
 - ✗ 3. 45
 - ✗ 4. 38

Q.64 A, B, C, D, G, H and I are sitting around a circular table facing the centre of the table. Only two people sit between H and B when counted from the right of H. Only three people sit between A and C when counted from the right of C. B sits to the immediate right of C. G sits to the immediate right of I. Who sits fourth to the right of D?

- Ans**
- ✓ 1. G
 - ✗ 2. C
 - ✗ 3. A
 - ✗ 4. I

Q.65 Which of the following scheduling algorithms is most prone to convoy effect, where a long-running process blocks shorter processes behind it?

- Ans**
- ✗ 1. Priority Scheduling (non-preemptive)
 - ✗ 2. Round Robin
 - ✓ 3. First-Come, First-Served (FCFS)
 - ✗ 4. Shortest Job First (SJF)

Q.66 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: MLI :: LKH : %

- Ans
- ☐ 1. # = FRL, % = QHE
 - ☐ 2. # = FRL, % = QHE
 - ☒ 3. # = POL, % = IHE
 - ☐ 4. # = UIL, % = IXC

Q.67 In a certain code language, 'FUSE' is coded as '6482' and 'SORT' is coded as '3671'. What is the code for 'S' in the given code language?

- Ans
- ☐ 1. 8
 - ☒ 2. 6
 - ☐ 3. 3
 - ☐ 4. 1

Q.68 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$127 \div 7 + 324 \times 4 - 47 = ?$$

- Ans
- ☐ 1. 885
 - ☐ 2. 795
 - ☐ 3. 755
 - ☒ 4. 855

Q.69 From the top of a 60 m high building, the angles of depression of the top and bottom of a lamp post are 30° and 60° , respectively. Find the height of the lamp post.

- Ans
- ☐ 1. 60 m
 - ☒ 2. 40 m
 - ☐ 3. $60\sqrt{3}$ m
 - ☐ 4. $40\sqrt{2}$ m

Q.70 What is the primary focus of the S. Ramakrishnan Centre of Excellence in Fluid and Thermal Science Research 2025?

- Ans
- ☐ 1. Renewable energy and sustainability
 - ☐ 2. Robotics and automation
 - ☒ 3. Critical advancements in spacecraft and launch vehicle thermal management
 - ☐ 4. Artificial intelligence and machine learning

Q.71 In March 2025, which Indian state experienced violent clashes resulting in multiple injuries over demands to remove the tomb of Mughal emperor Aurangzeb?

- Ans
- ☐ 1. Karnataka
 - ☒ 2. Maharashtra
 - ☐ 3. Uttar Pradesh
 - ☐ 4. Rajasthan

Q.72 Post 1991 economic reforms, India witnessed significant changes in the banking sector. What is one major reform introduced in the banking sector?

- Ans
- ☐ 1. Freezing interest rates
 - ☐ 2. Abolition of all private banks
 - ☐ 3. Increase in SLR
 - ☒ 4. Deregulation of interest rates

Q.73 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 2 8 6 \$ 4 * € 1 9 5 # 2 % 4 % © # 5 * 7 % * (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a number?

Ans ✓ 1. 2

✗ 2. 1

✗ 3. 3

✗ 4. 4

Q.74 The larger of two supplementary angles is 62° more than the smaller one. The smaller angle (in degree) is:

Ans ✗ 1. 65°

✓ 2. 59°

✗ 3. 57°

✗ 4. 68°

Q.75 What should come in place of the question mark (?) in the given series?

23 29 35 41 47 ?

Ans ✗ 1. 62

✗ 2. 65

✓ 3. 53

✗ 4. 59

Q.76 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All keys are doors.

Some doors are cupboards.

All cupboards are big.

Conclusions:

(I) Some keys are doors.

(II) All doors are cupboards.

Ans ✗ 1. Only conclusion (II) follows.

✗ 2. Both conclusions (I) and (II) follow.

✓ 3. Only conclusion (I) follows.

✗ 4. Neither conclusion (I) nor (II) follows.

Q.77 Which of the following best describes the shape of a sinusoidal wave signal during one complete cycle?

Ans ✗ 1. Triangular wave

✓ 2. S-shaped wave

✗ 3. Rectangular wave

✗ 4. Square wave

Q.78 Who among the following was awarded the Ramsar Award for 'Wetland Wise Use' in March 2025?

- Ans**
- ☐ 1. Medha Patkar
 - ☐ 2. Vandana Shiva
 - ☒ 3. Jayashree Vencatesan
 - ☐ 4. Sunita Narain

Q.79 Which of the following statements regarding the Industrial Sector in India post the launch of the New Economic Policy in 1991 is/are NOT correct?

- 1. Compulsory licensing on several industries was abolished.
- 2. Many industries that were only reserved for the government were dereserved.
- 3. There was quota and price control for all the goods produced in the industrial sector.

- Ans**
- ☒ 1. Only 3
 - ☐ 2. Only 2 and 3
 - ☐ 3. Only 1 and 2
 - ☐ 4. Only 2

Q.80 Following the provisions of the 74th Constitutional Amendment, 1992, which of the following terms is used for urban governance in areas transitioning from rural to urban?

- Ans**
- ☐ 1. Zila Parishads
 - ☒ 2. Nagar Panchayats
 - ☐ 3. Block Development Councils
 - ☐ 4. Special Economic Zones

Q.81 The lines L_1 and L_2 are parallel lines cut by a transversal. If the measure of one of the corresponding angles is 75° , then what is the measure of the other corresponding angle?

- Ans**
- ☐ 1. 85°
 - ☐ 2. 65°
 - ☐ 3. 45°
 - ☒ 4. 75°

Q.82 A train overtakes two persons walking along a railway track. The first one walks at 12.6 km/hr. The other one walks at 27 km/hr. The train takes 12.5 and 14 seconds, respectively, to overtake them. What is the speed of the train if both the persons are walking in the same direction as the train?

- Ans**
- ☒ 1. 147 km/hr
 - ☐ 2. 143 km/hr
 - ☐ 3. 154 km/hr
 - ☐ 4. 142 km/hr

Q.83 Why did Mahatma Gandhi travel to Noakhali in 1946?

- Ans**
- ☐ 1. To support the Bengal famine victims
 - ☐ 2. To organise the Quit India Movement
 - ☒ 3. To promote communal harmony after religious violence
 - ☐ 4. To lead a protest against British rule

Q.84 What is the median of the following data?

13, 43, 81, 27, 25, 28, 87, 57, 77, 89, 73

- Ans**
- ☐ 1. 58
 - ☒ 2. 57
 - ☐ 3. 57.5
 - ☐ 4. 56.5

Q.85 Mukesh starts from point A and drives 9 km towards the north. He then takes a right turn, drives 7 km, turns right and drives 10 km. He then takes a right turn and drives 8 km. He takes a final right turn, drives 1 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90 degree turns only unless specified.)

- Ans**
- ☐ 1. 2 km to the west
 - ☒ 2. 1 km to the east
 - ☐ 3. 1 km to the west
 - ☐ 4. 2 km to the east

Q.86 In everyday life, higher population density in cities like Delhi leads to ____.

- Ans**
- ☐ 1. reduced land prices
 - ☐ 2. decrease in school enrolments
 - ☐ 3. increased per capita income
 - ☒ 4. stress on the environment

Q.87 When appointing judges to the High Courts, the President of India is required to consult which officials apart from the Chief Justice of India and the Chief Justice of the respective State?

- Ans**
- ☐ 1. The local district magistrates
 - ☐ 2. The members of the State Legislature
 - ☒ 3. The State Governor
 - ☐ 4. Only the Union Cabinet

Q.88 The percentage profit earned by selling an article for ₹3,471 is equal to the percentage loss incurred by selling the same article for ₹2,577. At what price should the article be sold (in ₹) to make a 25% profit?

- Ans**
- ☒ 1. 3,780
 - ☐ 2. 3,783
 - ☐ 3. 3,778
 - ☐ 4. 3,781

Q.89 Which of the following is NOT allowed under the Citizenship Act, 1955?

- Ans**
- ☐ 1. Registration
 - ☐ 2. Descent-based citizenship
 - ☐ 3. Naturalisation
 - ☒ 4. Dual citizenship

Q.90 In India, judicial review is considered as:

- Ans**
- ☐ 1. the power of the judiciary to review all the legislative enactments before they are assented to by the President
 - ☐ 2. the power of the judiciary to question the wisdom of the executive orders after they are passed by the Union cabinet
 - ☐ 3. the power of the judiciary to question the wisdom of the laws enacted by the legislatures
 - ☒ 4. the power of the judiciary to pronounce upon the constitutionality of laws and executive orders

Q.91 A cistern has a hole in the bottom through which the water is leaking. A tap can fill the cistern in 8 hours and the hole in the bottom can empty the fully filled cistern in 12 hours. If both the tap and the hole are open, then what will be the time taken to completely fill the empty cistern?

- Ans**
- ☐ 1. 36 hours
 - ☒ 2. 24 hours
 - ☐ 3. 44.7 hours
 - ☐ 4. 30.9 hours

Q.92 Which Gumphra at Khandagiri in Odisha, India is known for carvings of twenty-four Jain Teerthankars?

- Ans**
- ☐ 1. Hathi Gumphra
 - ☐ 2. Barabhuji Gumphra
 - ☒ 3. Trushula Gumphra
 - ☐ 4. Ambika Gumphra

Q.93 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

NJ-QM-TV
JF-MI-PR

- Ans**
- ☐ 1. GB-IE-LM
 - ☐ 2. GB-ID-LM
 - ☒ 3. FB-IE-LN
 - ☐ 4. FB-IE-LM

Q.94 Which darts tournament was held at the SACHSENarena in Riesa, Germany, from 4 to 6 April 2025?

- Ans**
- ☒ 1. International Darts Open
 - ☐ 2. German Darts Grand Prix
 - ☐ 3. European Darts Open
 - ☐ 4. German Darts Championship

Q.95 IJF is related to PQM in a certain way based on the English alphabetical order. In the same way, RSO is related to YZV. To which of the following is EFB related, following the same logic?

- Ans**
- ☐ 1. MNJ
 - ☒ 2. LMI
 - ☐ 3. MNK
 - ☐ 4. LMJ

Q.96 In April 2025, India launched a strategic initiative to boost its defence exports by offering low-cost loans to countries traditionally reliant on Russian arms. Which Indian institution is primarily responsible for facilitating these loans?

- Ans**
- ☐ 1. Reserve Bank of India (RBI)
 - ☐ 2. National Bank for Agriculture and Rural Development (NABARD)
 - ☒ 3. Export-Import Bank of India (EXIM Bank)
 - ☐ 4. State Bank of India (SBI)

Q.97 Which of the following rivers forms the Majuli Island, the world's largest river island?

- Ans**
- ☐ 1. Mahanadi
 - ☐ 2. Ganga
 - ☐ 3. Godavari
 - ☒ 4. Brahmaputra

Q.98 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

MPI KNG ILE GJC ?

- Ans**
- ☒ 1. EGA
 - ☒ 2. EHA
 - ☒ 3. EGB
 - ☒ 4. EHB

Q.99 P, Q, R, S, T, U and V have an exam on different days of the week, starting on Monday and ending on Sunday. S has an exam on Tuesday. Exactly 3 people have an exam between S and V. T has an exam immediately before P and U has an exam immediately after P. Only 1 person has an exam between T and R. Who has an exam on Monday?

- Ans**
- ☒ 1. P
 - ☒ 2. R
 - ☒ 3. T
 - ☒ 4. Q

Q.100 Simplify :

$$\frac{\sqrt{0.028224}}{\sqrt{0.000784}}$$

- Ans**
- ☒ 1. 22
 - ☒ 2. 24
 - ☒ 3. 6
 - ☒ 4. 19



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	TCS Gito Bitan
Test Date	14/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 What is the primary advantage of using a virtual file system (VFS) layer within an operating system?

- Ans**
- ☒ 1. To optimise disk access speeds for specific file system types
 - ☒ 2. To provide a consistent interface for applications to access different file systems
 - ☒ 3. To directly manage the physical storage devices
 - ☒ 4. To handle the low-level details of file storage and retrieval for a single file system

Q.2 Virat starts from point A and drives 7 km towards the south. He then takes a left turn, drives 5 km, turns left and drives 9 km. He then takes a left turn and drives 12 km. He takes a final left turn, drives 2 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90-degree turns only unless specified.)

- Ans**
- ☒ 1. 6 km to the west
 - ☒ 2. 6 km to the east
 - ☒ 3. 7 km to the east
 - ☒ 4. 7 km to the west

Q.3 SI 14 is related to WH -2 in a certain way. In the same way, MJ 18 is related to QI 2. To which of the given options is PV 4 related, following the same logic?

- Ans**
- ☒ 1. KH -7
 - ☒ 2. HT -8
 - ☒ 3. NG -6
 - ☒ 4. TU -12

Q.4 What is another name for representative elements?

- Ans**
- ☒ 1. Inner-Transition elements
 - ☒ 2. Transition elements
 - ☒ 3. Transuranium elements
 - ☒ 4. Main group elements

Q.5 Who among the following was appointed the new Director General of the Central Reserve Police Force (CRPF) in January 2025?

- Ans**
- ☒ 1. Vitul Kumar
 - ☒ 2. Anish Dayal Singh
 - ☒ 3. Kuldeep Singh
 - ☒ 4. Gyanendra Pratap Singh

Q.6 Paika is the famous folk dance of which of the following states?

- Ans**
- ☒ 1. Jharkhand
 - ☐ 2. Rajasthan
 - ☐ 3. Gujarat
 - ☐ 4. Punjab

Q.7 HN 19 is related to DK 30 in a certain way. In the same way, JR 11 is related to FO 22. To which of the given options is SF 3 related, following the same logic?

- Ans**
- ☐ 1. NB 12
 - ☐ 2. OB 12
 - ☐ 3. NC 14
 - ☒ 4. OC 14

Q.8 In 1820-21, which tribal group led a revolt against the authorities in the area now known as West Singhbhum district of Jharkhand, which was later suppressed by the British?

- Ans**
- ☐ 1. Khasi tribes
 - ☐ 2. Santhal tribes
 - ☐ 3. Munda tribes
 - ☒ 4. Ho tribes

Q.9 In a certain code language,
'A + B' means 'A is the sister of B'
'A - B' means 'A is the brother of B'
'A × B' means 'A is the wife of B'
'A ÷ B' means 'A is the father of B'.

Based on the above, how is M related to Q if 'M + N - O × P ÷ Q'?

- Ans**
- ☐ 1. Mother's Sister's Husband
 - ☐ 2. Father's Sister's Son
 - ☒ 3. Mother's Sister
 - ☐ 4. Father's Sister's Husband

Q.10 Find the value of $\sqrt{385 + \sqrt{213 + \sqrt{144}}}$.

- Ans**
- ☒ 1. 20
 - ☐ 2. 24
 - ☐ 3. 23
 - ☐ 4. 19

Q.11 Rohan has ₹ $(3x^2 + 5xy + 7y^2)$ in his pocket. He spent ₹ $(2x^2 + 5y^2)$. How much money is left with Rohan?

- Ans**
- ☐ 1. ₹ $(x^2 - 3y^2)$
 - ☒ 2. ₹ $(x^2 + 3y^2)$
 - ☐ 3. ₹ $(x^2 - 3y)^2$
 - ☐ 4. ₹ $(x^2 + 3y)^2$

Q.12 Which island was renamed as Swaraj Dweep?

- Ans**
- ☒ 1. Havelock Island
 - ☐ 2. Barren Island
 - ☐ 3. Ross Island
 - ☐ 4. Neil Island

Q.13 When saving an MS PowerPoint presentation, which of the following options would be most suitable if the primary goal is to ensure the presentation opens in slideshow view by default for recipients who may not have MS PowerPoint installed?

- Ans**
- ☒ 1. PowerPoint Show (.ppsx)
 - ☐ 2. PowerPoint Presentation (.pptx)
 - ☐ 3. PDF (.pdf)
 - ☐ 4. OpenDocument Presentation (.odp)

Q.14 The Paramhansa Sabha was founded in:

- Ans**
- ☒ 1. 1849
 - ☐ 2. 1857
 - ☐ 3. 1875
 - ☐ 4. 1865

Q.15 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 3582147, then how many digits will appear more than once in the new number thus formed?

- Ans**
- ☐ 1. 3
 - ☐ 2. 0
 - ☐ 3. 1
 - ☒ 4. 2

Q.16 In February 2025, the Indian government imposed a ban on the manufacture and export of which two opioid drugs due to concerns over their misuse and associated health risks in West African countries?

- Ans**
- ☐ 1. Morphine and Fentanyl
 - ☐ 2. Oxycodone and Hydrocodone
 - ☒ 3. Tapentadol and Carisoprodol
 - ☐ 4. Codeine and Tramadol

Q.17 This question is based on the five, three-digit numbers given below.
(Left) 144 743 290 258 799 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is subtracted from the third digit of the lowest number?

- Ans**
- ☒ 1. -5
 - ☐ 2. -2
 - ☐ 3. -4
 - ☐ 4. -7

Q.18 According to the office of the Registrar General and Census Commissioner of India, a city with a population exceeding 10 million is classified as which type of urban settlement?

- Ans**
- ☐ 1. Metro town
 - ☒ 2. Mega City
 - ☐ 3. Town
 - ☐ 4. Metropolitan City

Q.19 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

TY-OT-JO
AF-VA-QV

- Ans**
- ☒ 1. PU-LP-FK
 - ☒ 2. FK-AE-VA
 - ☒ 3. CH-XC-SX
 - ☒ 4. LQ-GL-CG

Q.20 In a certain code language, 'PANT' is coded as '6129' and 'TAPE' is coded as '2956'. What is the code for 'E' in the given code language?

- Ans**
- ☒ 1. 5
 - ☒ 2. 9
 - ☒ 3. 2
 - ☒ 4. 6

Q.21 Evaluate: $30 - [30 - \{30 - (30 - 30 \times 4)\}]$

- Ans**
- ☒ 1. 120
 - ☒ 2. 141
 - ☒ 3. 118
 - ☒ 4. 132

Q.22 In a certain code language, 'CARE' is coded as '5391' and 'RIBS' is coded as '2458'. What is the code for 'R' in the given code language?

- Ans**
- ☒ 1. 2
 - ☒ 2. 5
 - ☒ 3. 9
 - ☒ 4. 8

Q.23 A water tank can be filled in 48 minutes by using 4 pipes of the same capacity. In how many minutes (rounded off to two decimal places) will the water tank be filled if we use 26 pipes of the same capacity as above?

- Ans**
- ☒ 1. 7.38
 - ☒ 2. 11.99
 - ☒ 3. 3.17
 - ☒ 4. 16.48

Q.24 'Vilambit' and 'Drut' are two varieties of which of the following singing styles?

- Ans**
- ☒ 1. Khayal
 - ☒ 2. Tappa
 - ☒ 3. Thumri
 - ☒ 4. Dhrupad

Q.25 Who won the Champions of the Earth Award, 2024, the UN's highest environmental recognition?

- Ans**
- ☒ 1. Ramdeo Misra
 - ☒ 2. Sunderlal Bahuguna
 - ☒ 3. Zeeshan Khan
 - ☒ 4. Madhav Gadgil

Q.26 Commercial crops were prioritised over food crops during colonial rule. Which of the following is an example of a commercial crop promoted by the British?

- Ans**
- ☐ 1. Millets
 - ☐ 2. Rice
 - ☐ 3. Wheat
 - ☒ 4. Indigo

Q.27 Consider a scenario where a user is interacting with a graphical application. Which component of the computer system is primarily responsible for rendering the visual elements displayed on the monitor?

- Ans**
- ☐ 1. Motherboard chipset
 - ☐ 2. Random Access Memory (RAM)
 - ☒ 3. Graphics Processing Unit (GPU)
 - ☐ 4. Central Processing Unit (CPU)

Q.28 The least number which, when diminished by 5, is divisible by 20, 15, 14 and 22 is:

- Ans**
- ☐ 1. 4612
 - ☒ 2. 4625
 - ☐ 3. 4586
 - ☐ 4. 4578

Q.29 Which act stated that the Presidencies of Madras and Bombay were to be subordinate to the Presidency of Bengal in all matters of war, diplomatic relations and revenue?

- Ans**
- ☐ 1. Charter Act of 1833
 - ☒ 2. Pitts' India Act, 1784
 - ☐ 3. Charter Act of 1813
 - ☐ 4. Charter Act of 1793

Q.30 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 7 2 2 € 9 8 1 9 * 8 € 2 4 9 7 2 * \$ & * 6 \$ (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a number?

- Ans**
- ☒ 1. 6
 - ☐ 2. 7
 - ☐ 3. 8
 - ☐ 4. 5

Q.31 Fiscal consolidation has remained a target of macroeconomic reforms. What was the targeted fiscal deficit as a percentage of GDP under the original FRBM Act 2003 ?

- Ans**
- ☒ 1. 3%
 - ☐ 2. 2%
 - ☐ 3. 4%
 - ☐ 4. 3.5%

Q.32 David spends 55% of his income. If he saves ₹36,000, then his income (in ₹) is:

- Ans**
- ☐ 1. 79,000
 - ☒ 2. 80,000
 - ☐ 3. 81,000
 - ☐ 4. 19,800

Q.33 What should come in place of the question mark (?) in the given series?

882 880 876 870 862 ?

- Ans**
- ☐ 1. 856
 - ☒ 2. 852
 - ☐ 3. 850
 - ☐ 4. 854

Q.34 If the measure of each exterior angle of a regular polygon is 30° , then the number of sides of the polygon is:

- Ans**
- ☒ 1. 12
 - ☐ 2. 16
 - ☐ 3. 14
 - ☐ 4. 10

Q.35 Which of the following statements is FALSE if PQRS is a rectangle?

- Ans**
- ☐ 1. Diagonal PR = Diagonal SQ
 - ☒ 2. The diagonals of rectangle PQRS do not bisect each other
 - ☐ 3. PQ = RS and PS = QR
 - ☐ 4. $\angle P = \angle Q = \angle R = \angle S = 90^\circ$

Q.36 A man has invested ₹50,500 at a rate of 6% per annum simple interest for 2 years. Find the amount (in ₹) that he will receive after 2 years.

- Ans**
- ☒ 1. 56,560
 - ☐ 2. 7,060
 - ☐ 3. 57,560
 - ☐ 4. 6,060

Q.37 The Industrial Finance Corporation of India (IFCI) was established in:

- Ans**
- ☐ 1. 1954
 - ☐ 2. 1956
 - ☐ 3. 1952
 - ☒ 4. 1948

Q.38 Which of the following is NOT a valid way to save a workbook in Microsoft Excel?

- Ans**
- ☐ 1. Pressing 'Ctrl + S'
 - ☐ 2. Clicking 'File' → 'Save'
 - ☒ 3. Using 'File' → 'Close'
 - ☐ 4. Selecting 'File' → 'Save As'

Q.39 Under Article 164(3) of the Constitution of India, who administers the oath of office to the State Ministers?

- Ans**
- ☐ 1. Speaker of the Legislative Assembly
 - ☒ 2. Governor of the State
 - ☐ 3. President of India
 - ☐ 4. Chief Minister of the State

Q.40 P, Q, R, S, T, U and V have an exam on different days of the week starting on Monday and ending on Sunday. R has an exam on Wednesday. Exactly three people have an exam between R and Q. V has an exam immediately after S and T has an exam immediately before S. Only three people have an exam between P and S. Who has an exam on Sunday?

- Ans**
- ☐ 1. T
 - ☐ 2. S
 - ☐ 3. P
 - ☒ 4. Q

Q.41 What should come in place of the question mark (?) in the given series?

79 77.8 76.6 ? 74.2 73

- Ans**
- ☐ 1. 76
 - ☒ 2. 75.4
 - ☐ 3. 74.8
 - ☐ 4. 74.6

Q.42 What is the Great Plain of Northern India popularly known as?

- Ans**
- ☒ 1. Indo-Ganga-Brahmaputra Plain
 - ☐ 2. Yamuna Valley Plain
 - ☐ 3. Himalayan Foothill Plain
 - ☐ 4. Northern Deccan Plain

Q.43 When did Algeria officially become a member of the New Development Bank (NDB)?

- Ans**
- ☒ 1. May 2025
 - ☐ 2. January 2025
 - ☐ 3. March 2025
 - ☐ 4. February 2025

Q.44 2 times the present age of X is 7 years less than 6 times the present age of Y. At present, P is 2 times as old as X, and Y is 8 years younger than Q. If P is 50 years older than Q, then the present age (in years) of Y is:

- Ans**
- ☐ 1. 5
 - ☒ 2. 13
 - ☐ 3. 12
 - ☐ 4. 18

Q.45 If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 5746238, what will be the sum of the highest and lowest digits in the new number thus formed?

- Ans**
- ☐ 1. 11
 - ☐ 2. 8
 - ☒ 3. 9
 - ☐ 4. 15

Q.46 The average price of three items of furniture is ₹15,165. If their prices are in the ratio 3 : 5 : 7, the price of the costliest item (in ₹) is:

- Ans**
- ☐ 1. 7,077
 - ☐ 2. 9,099
 - ☐ 3. 5,055
 - ☒ 4. 21,231

Q.47 Two taps can fill a cistern in 2 hours and 81 hours, respectively. A third tap can empty it in 81 hours. How long (in hours) will it take to fill the empty cistern, if all of the taps are opened together?

- Ans**
- ☐ 1. 4
 - ☐ 2. 5
 - ☐ 3. 3
 - ☒ 4. 2

Q.48 In a certain code language, 'COAT' is coded as '2486' and 'PALE' is coded as '5712'.

What is the code for 'A' in the given code language?

- Ans**
- ☒ 1. 2
 - ☐ 2. 7
 - ☐ 3. 8
 - ☐ 4. 5

Q.49 Anwar's salary is ₹11,000 per month. He spends ₹6,000 on house rent and ₹3,000 on bills, and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent all his monthly savings on birthday celebrations.

- Ans**
- ☐ 1. 24,000
 - ☐ 2. 18,000
 - ☒ 3. 22,000
 - ☐ 4. 20,000

Q.50 If '+' means 'subtraction', '-' means 'multiplication', '×' means 'division' and '÷' means 'addition', then what will come in place of the question mark (?) in the following equation?

$$11 - 91 \times 7 \div 83 + 27 = ?$$

- Ans**
- ☐ 1. 184
 - ☒ 2. 199
 - ☐ 3. 210
 - ☐ 4. 193

Q.51 What was the name of Ramagupta's widow whom Chandragupta II marry after defeating the Saka king?

- Ans**
- ☐ 1. Devatidevi
 - ☐ 2. Yasomati
 - ☒ 3. Dhruvadevi
 - ☐ 4. Kubernaga

Q.52 In January 2025, a camera trap in Namdapha Tiger Reserve captured an elephant after 12 years, indicating the presence of elephants in which Indian state?

- Ans**
- ☐ 1. Assam
 - ☒ 2. Arunachal Pradesh
 - ☐ 3. Meghalaya
 - ☐ 4. Nagaland

Q.53 Which feature in Windows allows you to recover files that were accidentally deleted?

- Ans**
- ☐ 1. Control Panel
 - ☐ 2. Task Manager
 - ☒ 3. Recycle Bin
 - ☐ 4. Disk Cleanup

Q.54 Bikash starts from Point A and drives 12 km towards East. He then takes a left turn, drives 9 km, turns left and drives 13 km. He then takes a left turn and drives 12 km. He takes a final left turn, drives 1 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only, unless specified)

- Ans**
- ☐ 1. 2 km to the north
 - ☐ 2. 4 km to the north
 - ☐ 3. 1 km to the north
 - ☒ 4. 3 km to the north

Q.55 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. KOJ
 - ☐ 2. RVQ
 - ☒ 3. OSM
 - ☐ 4. MQL

Q.56 Which sector is the largest recipient of foreign direct investment in the first half of financial year 2024-25?

- Ans**
- ☒ 1. Service sector
 - ☐ 2. Agricultural sector
 - ☐ 3. Manufacturing sector
 - ☐ 4. Mining sector

Q.57 If $18 : A :: A : 128$, find the positive value of A.

- Ans**
- ☒ 1. 48
 - ☐ 2. 50
 - ☐ 3. 45
 - ☐ 4. 47

Q.58 Which of the following is known as the 'Steel City of India'?

- Ans**
- ☐ 1. Pilani
 - ☐ 2. Ankaleswar
 - ☒ 3. Jamshedpur
 - ☐ 4. Indore

Q.59 The ratio of three numbers is 20 : 14 : 6. If 65 percent of the first number is 39, what would be 50 percent of the difference of the third and second number?

- Ans**
- ☐ 1. 11
 - ☐ 2. 14
 - ☒ 3. 12
 - ☐ 4. 10

Q.60 45 is related to 5 following a certain logic. Following the same logic, 81 is related to 9. To which of the following is 63 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans ☒ 1. 7

☐ 2. 9

☐ 3. 8

☐ 4. 6

Q.61 The average salary of all the workers in a factory is ₹14,000. The average salary of 80 skilled workers is ₹15,000 and the average salary of the remaining workers is ₹12,000. Find the total number of workers in the factory.

Ans ☒ 1. 120

☐ 2. 140

☐ 3. 150

☐ 4. 110

Q.62 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans ☐ 1. IL - GJ

☒ 2. LJ - MK

☐ 3. QT - OR

☐ 4. KN - IL

Q.63 This question is based on the five, three-digit numbers given below.
(Left) 205 712 237 862 578 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is added to the first digit of the lowest number?

Ans ☐ 1. 3

☒ 2. 4

☐ 3. 5

☐ 4. 6

Q.64 Mahatma Gandhi called off the Non-Cooperation Movement after the violent incident at Chauri Chaura. In which present-day state is Chauri Chaura located?

Ans ☐ 1. Bihar

☐ 2. Madhya Pradesh

☒ 3. Uttar Pradesh

☐ 4. Rajasthan

Q.65 The ratio of incomes of Seema and Darshan is 2 : 3. They save ₹15,000 and ₹9,000, respectively. If the ratio of their expenditures is 12 : 19, then what is the total expenditure (in ₹) of Seema and Darshan?

- Ans**
- ☐ 1. 4,18,000
 - ☐ 2. 4,21,000
 - ☐ 3. 4,22,000
 - ☒ 4. 4,18,500

Q.66 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

CXS EZU GBW IDY ?

- Ans**
- ☐ 1. KAF
 - ☐ 2. FKA
 - ☐ 3. FAK
 - ☒ 4. KFA

Q.67 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. R has an exam on Thursday. No one has an exam before V. U has an exam immediately before R, but after S. Q has an exam before T but after P. How many people have exams between S and T?

- Ans**
- ☐ 1. Three
 - ☐ 2. Two
 - ☐ 3. One
 - ☒ 4. Four

Q.68 Which Article of the Indian Constitution promotes the spread and development of Hindi?

- Ans**
- ☐ 1. Article 350
 - ☒ 2. Article 351
 - ☐ 3. Article 348
 - ☐ 4. Article 349

Q.69 The marked price of a touchscreen tablet is ₹500. It sells with two successive discounts of 20% and 25%. An additional 19% discount is given on cash payment. What is the selling price (in ₹) of the touchscreen tablet on cash payment?

- Ans**
- ☐ 1. 242
 - ☐ 2. 245
 - ☐ 3. 246
 - ☒ 4. 243

Q.70 What was the name of the new department opened by Muhammad Tughlaq for the development of agriculture?

- Ans**
- ☐ 1. Diwan-i-Wizarat
 - ☒ 2. Diwan-i-Kohi
 - ☐ 3. Diwan-i-Qaza
 - ☐ 4. Diwan-i-Risalat

Q.71 When the difference between compound interest, compounded annually, and simple interest for three years is ₹217 at 10% interest per annum, the principal is ₹_____.

- Ans**
- ☒ 1. 7,000
 - ☐ 2. 8,200
 - ☐ 3. 6,425
 - ☐ 4. 7,420

Q.72 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. P has an exam on Thursday. T has an exam immediately before P, and V has an exam immediately after P. Only 3 people have an exam between U and Q. R has an exam immediately after Q. How many people have an exam between Q and S?

- Ans**
- ☐ 1. 3
 - ☐ 2. 2
 - ☒ 3. 4
 - ☐ 4. 1

Q.73 A buffer solution has $[\text{CH}_3\text{COOH}] = 0.1 \text{ M}$ and $[\text{CH}_3\text{COO}^-] = 0.1 \text{ M}$. If pK_a of CH_3COOH is 4.76, then what is its pH?

- Ans**
- ☐ 1. 7.00
 - ☐ 2. 3.76
 - ☐ 3. 5.76
 - ☒ 4. 4.76

Q.74 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

JQ29, LS36, NU43, PW50, ?

- Ans**
- ☐ 1. RX57
 - ☐ 2. RX58
 - ☐ 3. RY58
 - ☒ 4. RY57

Q.75 If the eight-digit number 59044p22 is divisible by 6, then the maximum value of p is:

- Ans**
- ☐ 1. 8
 - ☐ 2. 3
 - ☐ 3. 6
 - ☒ 4. 7

Q.76 Which Constitutional Amendment recognised the right to form cooperative societies as a part of Fundamental Rights?

- Ans**
- ☒ 1. 97th Amendment Act
 - ☐ 2. 93rd Amendment Act
 - ☐ 3. 11th Amendment Act
 - ☐ 4. 99th Amendment Act

Q.77 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

JQ-NU-RT
MT-QX-UW

- Ans**
- ☒ 1. CJ-GN-KM
 - ☐ 2. DJ-GM-KL
 - ☐ 3. DJ-GN-KL
 - ☐ 4. CJ-GN-KL

Q.78 A 250 m long train overtakes a man moving at a speed of 7 km/hr (in same direction) in 50 seconds. How much time (in seconds) will this train take to completely cross another 280 m long train, moving in the opposite direction at a speed of 28 km/hr?

- Ans**
- ☐ 1. 54
 - ☒ 2. 36
 - ☐ 3. 49
 - ☐ 4. 50

Q.79 A train overtakes two persons walking along a railway track. The first one walks at 12.6 km/hr. The other one walks at 30.6 km/hr. The train takes 19.8 and 25.8 seconds, respectively, to overtake them. What is the speed of the train if both the persons are walking in the same direction as the train?

- Ans**
- ☐ 1. 94 km/hr
 - ☐ 2. 80 km/hr
 - ☐ 3. 96 km/hr
 - ☒ 4. 90 km/hr

Q.80 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All fruit are bananas.

Some bananas are green.

All green are leaves.

Conclusions:

(I) Some fruits are bananas.

(II) Some green are leaves.

- Ans**
- ☒ 1. Both conclusions (I) and (II) follow
 - ☐ 2. Only conclusion (I) follows
 - ☐ 3. Only conclusion (II) follows
 - ☐ 4. Neither conclusion (I) nor (II) follows

Q.81 In September 2024, the Indian government constituted a high-level committee headed by which individual to examine the feasibility and implementation of the 'One Nation, One Election' proposal?

- Ans**
- ☐ 1. Justice BN Srikrishna
 - ☐ 2. Venkaiah Naidu
 - ☒ 3. Ram Nath Kovind
 - ☐ 4. Justice RM Lodha

Q.82 A, B, C, D, E, F and G are sitting around a circular table facing the centre. C sits third to the left of B. A sits second to the left of G. G is not an immediate neighbour of C. D sits to the immediate left of E. How many people sit between A and E when counted from the left of A?

- Ans**
- ☐ 1. One
 - ☒ 2. Two
 - ☐ 3. Four
 - ☐ 4. None

Q.83 A shopkeeper purchased 83 dozens of articles at the rate of ₹560 per dozen. He sold each one of them at the rate of ₹49. What percentage profit did he make?

- Ans** ☒ 1. 5%
☒ 2. 8%
☒ 3. 7%
☒ 4. 3%

Q.84 What is the median of the following distribution?

Class	150-200	200-250	250-300	300-350	350-400
Frequency	20	19	32	27	12

- Ans** ☒ 1. 275
☒ 2. 286
☒ 3. 261
☒ 4. 293

Q.85 Who won the 2025 Asian Snooker Championship men's title?

- Ans** ☒ 1. Amir Sarkosh
☒ 2. Ahsan Ramzan
☒ 3. Habib Shalaby
☒ 4. Pankaj Advani

Q.86 If $\cot\theta = \frac{7}{8}$, then evaluate $\frac{8(1 + \sin\theta)(1 - \sin\theta)}{7(1 + \cos\theta)(1 - \cos\theta)}$.

- Ans** ☒ 1. $\frac{7}{8}$
☒ 2. $\frac{8}{7}$
☒ 3. $\frac{49}{64}$
☒ 4. $\frac{64}{49}$

Q.87 Which drama received the 2025 Pulitzer Prize for Drama?

- Ans** ☒ 1. Purpose
☒ 2. The Minutes
☒ 3. English
☒ 4. Fat Ham

Q.88 A, B, C, D, G, H and I are sitting around a circular table facing the centre of the table. G sits to the immediate left of D. B sits to the immediate left of C. C sits second to the left of A. I sits third to the left of D. Who sits third to the right of H?

- Ans** ☒ 1. D
☒ 2. I
☒ 3. A
☒ 4. C

Q.89 What is the median of the following data?

59, 34, 84, 70, 56, 99, 98, 49, 76, 19, 69

- Ans** ☒ 1. 68.5
☒ 2. 70
☒ 3. 69.5
☒ 4. 69

Q.90 Who won the 2025 Pulitzer for Poetry with New and Selected Poems?

- Ans**
- ☒ 1. Marie Howe
 - ☐ 2. Ada Limón
 - ☐ 3. Ocean Vuong
 - ☐ 4. Tracy K Smith

Q.91 In March 2025, where was the main event of the 56th Central Industrial Security Force (CISF) Raising Day celebrated?

- Ans**
- ☐ 1. Mumbai, Maharashtra
 - ☐ 2. Pune, Maharashtra
 - ☒ 3. Thakkolam, Tamil Nadu
 - ☐ 4. Gurugram, Haryana

Q.92 Which of the following correctly represents the three levels/tiers in the Panchayati Raj system in India?

- Ans**
- ☐ 1. Village Panchayat, Municipal Corporation, Zilla Parishad
 - ☐ 2. Gram Panchayat, Block Assemblies, State Assembly
 - ☒ 3. Village Panchayat, Block Samiti, Zilla Parishad
 - ☐ 4. Gram Sabha, Municipal Council, Cantonment Board

Q.93 The length and breadth of a cuboid are 50 cm and 75 cm, respectively



- Ans**
- ☐ 1. 59,995
 - ☒ 2. 60,000
 - ☐ 3. 60,002
 - ☐ 4. 60,008

Q.94 The NVS-02 satellite, launched in 2025, is intended to augment which Indian system?

- Ans**
- ☐ 1. INSAT
 - ☐ 2. GSAT
 - ☒ 3. NavIC
 - ☐ 4. IRNSS

Q.95 What will come in the place of the question mark '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$31 \div 15 - 1017 \times 9 + 22 = ?$$

- Ans**
- ☐ 1. 552
 - ☒ 2. 556
 - ☐ 3. 558
 - ☐ 4. 554

Q.96 A dealer marks his goods at 65% above the cost price and allows a discount of 59% on the marked price. What is his gain or loss percentage (correct to two decimal places)?

- Ans**
- ☐ 1. 33.88% gain
 - ☐ 2. 32.07% gain
 - ☐ 3. 33.53% loss
 - ☒ 4. 32.35% loss

Q.97 Capital account convertibility refers to free movement of capital across borders. Which of the following committees recommended full capital account convertibility?

- Ans**
- ☐ 1. Ashok Mehta Committee
 - ☐ 2. Rangarajan Committee
 - ☐ 3. Suresh Tendulkar Committee
 - ☒ 4. Tarapore Committee

Q.98 The inability to isolate intact DNA for structural studies prior to the 1950s was primarily due to which molecular feature?

- Ans**
- ☒ 1. DNA's large polymeric nature and fragility
 - ☐ 2. DNA's susceptibility to UV degradation
 - ☐ 3. DNA's interaction with histone proteins
 - ☐ 4. DNA's high melting point

Q.99 The nature of the roots of the quadratic equation $3x^2 - 5x + 2 = 0$ is:

- Ans**
- ☐ 1. complex roots
 - ☐ 2. infinite number of roots
 - ☒ 3. two distinct real roots
 - ☐ 4. equal real roots

Q.100 The length of a rectangular pitch is 30 m more than its breadth. Its area is 18,271 m². Its breadth (in m) is:

- Ans**
- ☒ 1. 121
 - ☐ 2. 124
 - ☐ 3. 131
 - ☐ 4. 113



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	iON Digital Zone iDZ Kollam
Test Date	14/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 The Indian High Courts Act was passed in the year ____.

- Ans** ☒ 1. 1861
☒ 2. 1909
☒ 3. 1857
☒ 4. 1872

Q.2 Which of the following is the largest Peninsular river?

- Ans** ☒ 1. Kaveri
☒ 2. Mahanadi
☒ 3. Godavari
☒ 4. Narmada

Q.3 What is the median of the following data?

72, 47, 98, 52, 20, 86, 85, 69, 59, 81, 53

- Ans** ☒ 1. 69.5
☒ 2. 70
☒ 3. 68.5
☒ 4. 69

Q.4 In a certain code language, 'sit back relax' is coded as 'ha mi pu' and 'relax and enjoy' is coded as 'pu co lz'. How is 'relax' coded in the given language?

- Ans** ☒ 1. mi
☒ 2. co
☒ 3. ha
☒ 4. pu

Q.5 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. U has an exam on Wednesday. Exactly 4 people have an exam between Q and V, neither of whom has an exam on Monday. P has an exam immediately before S, and R has an exam immediately after S. T has an exam immediately before Q. How many people have an exam before Q?

- Ans** ☒ 1. 1
☒ 2. 3
☒ 3. 2
☒ 4. 4

Q.6 At what rate of interest per annum will a sum of ₹8,000 amount to ₹15,625 in 1 year and 6 months, if the interest is compounded half-yearly?

- Ans**
- ☐ 1. 70%
 - ☐ 2. 67%
 - ☐ 3. 65%
 - ☒ 4. 50%

Q.7 In a certain code language,
'A + B' means 'A is the sister of B'
'A - B' means 'A is the brother of B'
'A × B' means 'A is the wife of B'
'A ÷ B' means 'A is the father of B'.

Based on the above, how is M related to Q if 'M ÷ N + O - P × Q'?

- Ans**
- ☐ 1. Brother
 - ☐ 2. Father
 - ☐ 3. Wife's Brother
 - ☒ 4. Wife's Father

Q.8 Find the cost (in ₹) of digging a cuboidal pit that is 6 m long, 64 m broad and 10 m deep at the rate of ₹15 per m³.

- Ans**
- ☒ 1. 57,600
 - ☐ 2. 57,598
 - ☐ 3. 57,591
 - ☐ 4. 57,602

Q.9 Which action best describes the effect of applying bullets or numbering to a selection of text in MS Word?

- Ans**
- ☐ 1. It applies a background color to highlight important paragraphs.
 - ☐ 2. It hides the selected content to protect it from being viewed.
 - ☒ 3. It converts the selected text into a structured list with symbols or numbers for better organization.
 - ☐ 4. It automatically splits the document into multiple sections.

Q.10 This question is based on the five, three-digit numbers given below.
(Left) 823 664 309 431 175 (Right)

(Example- 697 - First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is added to the third digit of the lowest number?

- Ans**
- ☒ 1. 13
 - ☐ 2. 14
 - ☐ 3. 16
 - ☐ 4. 11

Q.11 How many times may the President of India ask the Prime Minister to have an executive recommendation reconsidered by the Cabinet?

- Ans**
- ☒ 1. Only once
 - ☐ 2. It is at the President's absolute discretion without limits.
 - ☐ 3. Twice
 - ☐ 4. As many times as needed

Q.12 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

QV-SX-UW
NS-PU-RT

- Ans**
- ☐ 1. LP-MR-OS
 - ☐ 2. LP-NR-OS
 - ☐ 3. KP-MR-OS
 - ☒ 4. KP-MR-OQ

Q.13 Which of the following dance forms is often accompanied by the famous song form 'Thumri'?

- Ans**
- ☐ 1. Sattriya
 - ☐ 2. Kuchipudi
 - ☒ 3. Kathak
 - ☐ 4. Chhau

Q.14 Narcondam Island is located in:

- Ans**
- ☐ 1. Gulf of Mannar
 - ☐ 2. Lakshadweep
 - ☒ 3. Andaman Sea
 - ☐ 4. Arabian Sea

Q.15 Find the value of $\frac{\sin^2 68^\circ + \sin^2 22^\circ}{2(\cos^2 17^\circ + \cos^2 73^\circ)}$.

- Ans**
- ☐ 1. 1
 - ☒ 2. $\frac{1}{2}$
 - ☐ 3. 0
 - ☐ 4. -1

Q.16 The roots of the quadratic equation $7x^2 - 10x + 3 = 0$ are:

- Ans**
- ☐ 1. -1 and $\frac{3}{7}$
 - ☐ 2. -1 and $-\frac{3}{7}$
 - ☐ 3. 1 and $-\frac{3}{7}$
 - ☒ 4. 1 and $\frac{3}{7}$

Q.17 A water tank can be filled in 38 minutes by using 44 pipes of the same capacity. In how many minutes (rounded off to two decimal places) will the water tank be filled if we use 37 pipes of the same capacity as above?

- Ans**
- ☒ 1. 45.19
 - ☐ 2. 49.75
 - ☐ 3. 43.91
 - ☐ 4. 39.05

Q.18 A shopkeeper purchased 59 dozens of articles at the rate of ₹728 per dozen. He sold each one of them at the rate of ₹91. What percentage profit did he make?

- Ans**
- ☐ 1. 48%
 - ☒ 2. 50%
 - ☐ 3. 49%
 - ☐ 4. 52%

Q.19 The shorter side of a rectangle is 24 cm less than the longer side. The numerical value of its area is equal to 8 times the numerical value of its perimeter. What is the length (in cm) of its longer side?

- Ans**
- ☐ 1. 52
 - ☐ 2. 54
 - ☒ 3. 48
 - ☐ 4. 57

Q.20 Arpan starts from Point A and drives 12 km towards East. He then takes a right turn, drives 8 km, turns right and drives 14 km. He then takes a right turn and drives 12 km. He takes a final right turn, drives 2 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only, unless specified)

- Ans**
- ☒ 1. 4 km to the south
 - ☐ 2. 2 km to the south
 - ☐ 3. 3 km to the south
 - ☐ 4. 1 km to the south

Q.21 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
Some houses are small.
Some small are forks.
All forks are knives.

Conclusions:
(I) Some small are houses.
(II) Some forks are small.

- Ans**
- ☐ 1. Only conclusion (I) follows
 - ☐ 2. Only conclusion (II) follows
 - ☒ 3. Both conclusions (I) and (II) follow
 - ☐ 4. Neither conclusion (I) nor (II) follows

Q.22 What are the names of the venues where the Khelo India Para Games (KIPG) 2025 was held?

- Ans**
- ☒ 1. Jawaharlal Nehru Indoor Stadium, Indira Gandhi Indoor Stadium, and Dr Karni Singh Shooting Range
 - ☐ 2. Jawaharlal Nehru Indoor Stadium and Indira Gandhi Indoor Stadium
 - ☐ 3. Major Dhyan Chand National Stadium, Indira Gandhi Indoor Stadium, and Dr Karni Singh Shooting Range
 - ☐ 4. Jawaharlal Nehru Indoor Stadium, Indira Gandhi Indoor Stadium, and Talkatora Stadium

Q.23 Globalisation refers to the integration of economies worldwide. Which of the following was a major globalisation strategy adopted by the Indian government in 1991?

- Ans**
- ☐ 1. Imposing high import tariffs
 - ☒ 2. Reducing trade barriers and encouraging foreign investment
 - ☐ 3. Imposing high export tariffs
 - ☐ 4. Promoting import substitution industrialisation

Q.24 What should come in place of the question mark (?) in the given series?

872 870 866 860 852 ?

- Ans**
- ☒ 1. 842
 - ☐ 2. 841
 - ☐ 3. 843
 - ☐ 4. 840

Q.25 Which pair of compounds illustrates the Law of Multiple Proportions?

- Ans**
- ☐ 1. CaCO_3 and CaCl_2
 - ☐ 2. NaOH and NaCl
 - ☐ 3. HCl and HBr
 - ☒ 4. CO and CO_2

Q.26 In a certain code language, 'FIRE' is coded as '5371' and 'ACID' is coded as '8247'.

What is the code for 'I' in the given code language?

- Ans**
- ☐ 1. 2
 - ☒ 2. 7
 - ☐ 3. 3
 - ☐ 4. 4

Q.27 If 2 is added to each even digit and 2 is added to each odd digit in the number 7153246, what will be the sum of all the odd digits in the new number thus formed?

- Ans**
- ☐ 1. 21
 - ☐ 2. 19
 - ☒ 3. 24
 - ☐ 4. 28

Q.28 The Amaravati Stupa had been built by which of the following rulers?

- Ans**
- ☒ 1. Satavahana
 - ☐ 2. Guptas
 - ☐ 3. Shungas
 - ☐ 4. Mauryas

Q.29 What is the setting for Alice Feeney's 2025 psychological thriller Beautiful Ugly?

- Ans**
- ☒ 1. A remote Scottish island
 - ☐ 2. Prague, Czech Republic
 - ☐ 3. East Gladness, Connecticut
 - ☐ 4. A Nebraskan town during the Dust Bowl

Q.30 Mahesh gets a 2% increase in his sale amount in the first year and a 20% increase in the second year, and with that his present sale is ₹1,90,400. What was his sale (in ₹) two years ago? (Rounded off to two decimal places.)

- Ans**
- ☐ 1. 1,86,666.67
 - ☒ 2. 1,55,555.56
 - ☐ 3. 1,35,555.56
 - ☐ 4. 1,58,666.67

Q.31 Which of the following statements best describes the Indian Union Cabinet's role in legislation?

- Ans**
- ☐ 1. The Cabinet is the only law-making body in India.
 - ☐ 2. The Cabinet enacts laws without any involvement of any house of the Indian Parliament.
 - ☒ 3. The Cabinet gives final shape to government bills and prepares the legislative agenda.
 - ☐ 4. The Cabinet has judicial authority over legislations surpassing the judiciary.

Q.32 In modern motherboards, which component is directly connected to the CPU to facilitate high-speed communication?

- Ans**
- ☒ 1. Northbridge
 - ☐ 2. ROM
 - ☐ 3. PCB
 - ☐ 4. GPU

Q.33 A man has invested ₹50,000 at a rate of 12% per annum simple interest for 4 years. Find the amount (in ₹) that he will receive after 4 years.

- Ans**
- ☒ 1. 74,000
 - ☐ 2. 24,000
 - ☐ 3. 75,000
 - ☐ 4. 25,000

Q.34 3 bags and 6 pens together cost ₹744, whereas 9 bags and 9 pens together cost ₹1,854. The cost of 6 bags exceeds the cost of 10 pens by:

- Ans**
- ☐ 1. ₹567
 - ☒ 2. ₹564
 - ☐ 3. ₹568
 - ☐ 4. ₹565

Q.35 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. U has an exam on Tuesday. Only two people have exams between P and U. V has an exam immediately before R but not on Saturday. T has an exam after P but before Q. How many people have exams between S and Q?

- Ans**
- ☒ 1. Five
 - ☐ 2. Three
 - ☐ 3. Four
 - ☐ 4. Two

Q.36 The number of diagonals in a regular heptagon is:

- Ans**
- ☐ 1. 18
 - ☐ 2. 15
 - ☒ 3. 14
 - ☐ 4. 19

Q.37 Which of the following keyboard shortcuts is used to insert a new slide in PowerPoint 2019?

- Ans**
- ☐ 1. Ctrl + N
 - ☐ 2. Ctrl + K
 - ☒ 3. Ctrl + M
 - ☐ 4. Ctrl + D

Q.38 The speed of a boat in still water is 7 km/hr and the speed of the stream is 5 km/hr. A man rows to a place at a distance of 52.8 km and comes back to the starting point. Find the total time (in hours) taken by him.

- Ans**
- ☐ 1. 29.9
 - ☐ 2. 23.6
 - ☐ 3. 40.6
 - ☒ 4. 30.8

Q.39 The marked price of a laptop is ₹750. It sells with two successive discounts of 4% and 25%. An additional 25% discount is given on cash payment. What is the selling price (in ₹) of the laptop on cash payment?

- Ans**
- ☐ 1. 407
 - ☒ 2. 405
 - ☐ 3. 402
 - ☐ 4. 406

Q.40 What will come in the place of the question mark '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$116 \div 5 - 423 \times 3 + 13 = ?$$

- Ans**
- ☒ 1. 708
 - ☐ 2. 808
 - ☐ 3. 608
 - ☐ 4. 508

Q.41 The tripartite struggle for Kannauj was among the:

- Ans**
- ☐ 1. Cholas, Pandyas and Cheras
 - ☐ 2. Chalukyas, Palas and Rashtrakutas
 - ☒ 3. Palas, Gurjara-Pratiharas and Rashtrakutas
 - ☐ 4. Guptas, Hunas and Palas

Q.42 The channel between Minicoy and the Maldives is known as the:

- Ans**
- ☐ 1. Ten Degree Channel
 - ☐ 2. Equatorial Channel
 - ☒ 3. Eight Degree Channel
 - ☐ 4. Nine Degree Channel

Q.43 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☒ 1. TC - AY
 - ☐ 2. HQ - OL
 - ☐ 3. PY - WT
 - ☐ 4. BK - IF

Q.44 If the mode of a data exceeds its mean by 20.1, then the mode exceeds the median by _____. (Use empirical formula)

- Ans**
- ☐ 1. 4.4
 - ☐ 2. 3.9
 - ☐ 3. 18.6
 - ☒ 4. 13.4

Q.45 As per the Ministry of Finance, what percentage of India's population filed income tax returns in FY 2023-24?

- Ans**
- ☐ 1. 16.68%
 - ☐ 2. 36.68%
 - ☒ 3. 6.68%
 - ☐ 4. 66.8%

Q.46 What should come in place of the question mark (?) in the given series?

113 137 106 130 99 123 ?

- Ans**
- ☐ 1. 110
 - ☐ 2. 96
 - ☐ 3. 116
 - ☒ 4. 92

Q.47 Find the average of all prime numbers between 20 and 40.

- Ans**
- ☐ 1. 25
 - ☐ 2. 28
 - ☒ 3. 30
 - ☐ 4. 20

Q.48 A, B, C, D, G, H and I are sitting around a circular table facing the centre of the table. Only B sits between H and A. A sits third to the left of D. G sits to the immediate left of D. C is not an immediate neighbour of A. Who sits third to the left of I?

- Ans**
- ☐ 1. A
 - ☐ 2. G
 - ☐ 3. C
 - ☒ 4. H

Q.49 The total length of the Northern Plain of India from west to east is approximately _____.

- Ans**
- ☐ 1. 3500 km
 - ☐ 2. 3200 km
 - ☒ 3. 2400 km
 - ☐ 4. 1600 km

Q.50 In a certain code language, 'WILD' is coded as '5391' and 'DOGS' is coded as '2458'. What is the code for 'D' in the given code language?

- Ans**
- ☐ 1. 2
 - ☐ 2. 4
 - ☐ 3. 1
 - ☒ 4. 5

Q.51 The length of the base of a parallelogram is $(4x^2 - 7xy + y^2)$ m and Find the area of parallelogram, when $x = 3$ and $y = -2$.

- Ans ☒ 1. 82 m^2
☐ 2. 57 m^2
☐ 3. 69 m^2
☐ 4. 48 m^2

Q.52 As of April 2025, how many languages are listed in the Eighth Schedule of the Indian Constitution?

- Ans ☐ 1. 20
☒ 2. 22
☐ 3. 18
☐ 4. 14

Q.53 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) £ * 6 @ 1 £ 8 6 @ % \$ 7 # 1 9 # 6 % * 5 € & (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

- Ans ☐ 1. 7
☐ 2. 6
☒ 3. 5
☐ 4. 4

Q.54 Who received a Special Citation in the 2025 Pulitzer Prizes for civil rights journalism?

- Ans ☐ 1. Nikole Hannah-Jones
☐ 2. Ta-Nehisi Coates
☐ 3. Ida B Wells
☒ 4. Chuck Stone

Q.55 MS 14 is related to OV 8 in a certain way. In the same way, NN 5 is related to PQ -1. To which of the given options is SR 6 related, following the same logic?

- Ans ☒ 1. UU 0
☐ 2. KP 3
☐ 3. OI 6
☐ 4. OO 4

Q.56 Which of the following statements is NOT correct with reference to the distribution of elements in the periodic table?

- Ans ☐ 1. Metals are located on the left side.
☒ 2. Metalloids are scattered randomly throughout the table.
☐ 3. There is a zig-zag line separating metals and non-metals.
☐ 4. Non-metals are on the top right corner.

Q.57 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ✓ 1. LP - JK
 - ✗ 2. JN - HL
 - ✗ 3. OS - MQ
 - ✗ 4. NR - LP

Q.58 The Great Plains of India were primarily formed due to the deposition by which of the following rivers?

- Ans**
- ✗ 1. Narmada, Tapi and Mahanadi
 - ✓ 2. Indus, Ganga and Brahmaputra
 - ✗ 3. Krishna, Godavari and Kaveri
 - ✗ 4. Yamuna, Sutlej and Gomti

Q.59 Which of the given tribal uprisings did NOT take place around the unrest during the Revolt of 1857?

- Ans**
- ✓ 1. Birsa Munda Revolt
 - ✗ 2. Santhal Rebellion
 - ✗ 3. Rebellion of Sambalpur
 - ✗ 4. Naikda Movement

Q.60 If 4% of $x = 24$, then x is equal to:

- Ans**
- ✓ 1. 600
 - ✗ 2. 700
 - ✗ 3. 1200
 - ✗ 4. 1300

Q.61 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(NOTE: All numbers are single digit numbers only.)

(Left) 3 % 2 % 2 £ £ & © £ 1 1 8 5 \$ 9 9 5 2 & 5 6 (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

- Ans**
- ✗ 1. 4
 - ✗ 2. 1
 - ✓ 3. 2
 - ✗ 4. 3

Q.62 Green Revolution technologies heavily relied on inputs and were scale-sensitive. Why did small and marginal farmers face challenges in adopting Green Revolution technologies?

- Ans**
- ✓ 1. High input costs and credit inaccessibility
 - ✗ 2. Limited demand for food grains
 - ✗ 3. Scarcity of agricultural labourers
 - ✗ 4. Excess availability of land

Q.63 The mean proportional between $(18 + 10\sqrt{7})$ and $(18 - 4\sqrt{7})$ is:

- Ans
- ☐ 1. $\sqrt{4 + 56\sqrt{7}}$
 - ☐ 2. $\sqrt{10 + 56\sqrt{7}}$
 - ☒ 3. $\sqrt{44 + 108\sqrt{7}}$
 - ☐ 4. $\sqrt{44 + 56\sqrt{7}}$

Q.64 During the 2025 defense expo, Gallium Nitride (GaN) Semiconductor Solutions was highlighted as a key advancement in which area of defense technology?

- Ans
- ☐ 1. Space communications
 - ☐ 2. Combat navigation
 - ☒ 3. Radar and electronic warfare systems
 - ☐ 4. Cybersecurity infrastructure

Q.65 The greatest number that divides 152 and 181 leaving remainders 2 and 6, respectively, is:

- Ans
- ☐ 1. 34
 - ☐ 2. 35
 - ☐ 3. 33
 - ☒ 4. 25

Q.66 If $4 : 16 :: 7.3 : x$ and $4 : 32 :: 7 : y$. What is the ratio of x to y ?

- Ans
- ☐ 1. 77 : 150
 - ☐ 2. 74 : 138
 - ☐ 3. 71 : 141
 - ☒ 4. 73 : 140

Q.67 The evidence of the earliest cotton cultivation in the Indus valley is found at which site?

- Ans
- ☐ 1. Harappa
 - ☐ 2. Kalibangan
 - ☒ 3. Mehrgarh
 - ☐ 4. Rakhigarhi

Q.68 By when must an employer deposit employee deductions with a co-operative society if wages are paid daily?

- Ans
- ☒ 1. Within 7 days of deduction
 - ☐ 2. Within 24 hours
 - ☐ 3. Before the next working day
 - ☐ 4. Before the weekly holiday

Q.69 As per IMF's January 2025 report, what is the projected global headline inflation rate for 2025?

- Ans
- ☐ 1. 6.5%
 - ☐ 2. 5.0%
 - ☐ 3. 6.0%
 - ☒ 4. 4.2%

Q.70 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

FKP DIN BGL ZEJ ?

- Ans**
- ☐ 1. CXH
 - ☐ 2. XHC
 - ☐ 3. CHX
 - ☒ 4. XCH

Q.71 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 6318574, how many digits will appear more than once in the new number thus formed?

- Ans**
- ☒ 1. Three
 - ☐ 2. One
 - ☐ 3. Two
 - ☐ 4. Four

Q.72 The average price of three items of furniture is ₹15,135. If their prices are in the ratio 3 : 5 : 7, the price of the cheapest item (in ₹) is:

- Ans**
- ☐ 1. 7,063
 - ☒ 2. 9,081
 - ☐ 3. 5,045
 - ☐ 4. 3,027

Q.73 Who among the following won the men's singles title at the Indian Open 2025 Professional Squash Association (PSA) Copper event?

- Ans**
- ☐ 1. Abhay Singh
 - ☐ 2. Saurav Ghosal
 - ☐ 3. Marwan El Shorbagy
 - ☒ 4. Kareem El Torkey

Q.74 In March 2025, India's Parliament passed the Bills of Lading Bill, 2025. What was the primary objective of this legislation?

- Ans**
- ☒ 1. To modernise the 169 years old shipping law
 - ☐ 2. To privatise major ports
 - ☐ 3. To regulate inland water transport
 - ☐ 4. To establish new maritime boundaries

Q.75 Which of the following is NOT a type of quadrilateral?

- Ans**
- ☐ 1. Trapezoid
 - ☐ 2. Kite
 - ☒ 3. Octagon
 - ☐ 4. Rhombus

Q.76 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

OQJ MOH KMF IKD ?

- Ans**
- ☐ 1. GJC
 - ☒ 2. GIB
 - ☐ 3. GJB
 - ☐ 4. GIC

Q.77 How many functional items are listed in the Eleventh Schedule of the Indian Constitution for Panchayats?

- Ans**
- ☐ 1. 36
 - ☒ 2. 29
 - ☐ 3. 21
 - ☐ 4. 11

Q.78 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: USO :: LJF : %

- Ans**
- ☒ 1. # = XVR, % = IGC
 - ☐ 2. # = IOR, % = IZC
 - ☐ 3. # = XVI, % = IZC
 - ☐ 4. # = ZOR, % = IQV

Q.79 Which Indian freedom fighter was one of the first to openly support Marxist and communist ideologies, and played a pioneering role in the labour movement and the formation of the Communist Party of India?

- Ans**
- ☒ 1. M N Roy
 - ☐ 2. Chidambaram Pillai
 - ☐ 3. Purushottamdas
 - ☐ 4. Pulin Das

Q.80 Which of the following components is/are NOT a part of the Central Processing Unit (CPU)?

- Ans**
- ☒ 1. Graphic Card
 - ☐ 2. Control Unit (CU)
 - ☐ 3. Registers
 - ☐ 4. Arithmetic Logic Unit (ALU)

Q.81 In January 2025, Libia Lobo Sardesai was honoured with the Padma Shri for her historical contributions. What role did she play in Indian history?

- Ans**
- ☐ 1. Defence researcher in Post Independent India
 - ☐ 2. Leader in the anti-emergency protest movement
 - ☒ 3. Goa's liberation movement activist
 - ☐ 4. Leader in the Bhoodan land reform movement

Q.82 In April 2025, India's trade deficit with which country widened to a record \$99.2 billion?

- Ans**
- ☐ 1. The UK
 - ☐ 2. Germany
 - ☒ 3. China
 - ☐ 4. The US

Q.83 In a bag containing red, green, and pink tokens, the ratio of red to green tokens is 7 : 4, while the ratio of pink to red tokens is 20 : 11. What is the ratio of green to pink tokens?

- Ans**
- ☐ 1. 12 : 37
 - ☐ 2. 9 : 38
 - ☐ 3. 12 : 41
 - ☒ 4. 11 : 35

Q.84 A tap fills a cistern in 15 hours. Another tap empties the full tank in 17 hours. How long (in hours) will it take to fill two-third of the tank, if the tank is empty initially and both the taps are open together?

- Ans**
- ☒ 1. 85
 - ☐ 2. 255
 - ☐ 3. 340
 - ☐ 4. 170

Q.85 Which of the following statements regarding the Uttar Poorva Transformative Industrialization Scheme (UNNATI), as highlighted in Rajya Sabha Unstarred Question (answered on 20 December 2024), is/are correct?
The total budget outlay for the UNNATI Scheme is ₹10,037 crores, with 60% of the outlay allocated to the North East Region.
Capital Investment Incentives in Zone A districts are higher than in Zone B districts.
The UNNATI Scheme is effective for 10 years, with an additional 8 years for meeting committed liabilities.
The UNNATI Scheme is a Central sector scheme implemented under the Ministry of Development of North Eastern Region.

- Ans**
- ☐ 1. 1 Only
 - ☐ 2. 2 and 3 Only
 - ☒ 3. 1 and 3 Only
 - ☐ 4. 1, 2, 3 and 4

Q.86 JR 11 is related to MV 2 in a certain way. In the same way, KL 7 is related to NP -2. To which of the given options is WO 2 related, following the same logic?

- Ans**
- ☐ 1. AS -5
 - ☐ 2. ZT -7
 - ☒ 3. ZS -7
 - ☐ 4. AT -7

Q.87 P, Q, R, S, T, U and V have an exam on different days of the week starting on Monday and ending on Sunday.
V has an exam on Thursday. Exactly 4 people have their exam between S and U, neither of whom has an exam on Sunday. R has an exam immediately before P. T does not have an exam on Friday. S does not have an exam after P. Who among the following has an exam on Tuesday?

- Ans**
- ☐ 1. S
 - ☐ 2. U
 - ☐ 3. T
 - ☒ 4. R

Q.88 If the eight-digit number 51880p69 is divisible by 3, then the maximum value of p is:

- Ans**
- ☐ 1. 3
 - ☐ 2. 6
 - ☐ 3. 4
 - ☒ 4. 8

Q.89 What is the primary advantage of using a Directory Acyclic Graph (DAG) structure for file systems compared to a simple tree structure?

- Ans**
- ☒ 1. DAGs enable the creation of hard links, allowing a single file to have multiple directory entries.
 - ☐ 2. DAGs reduce disk fragmentation and improve storage efficiency.
 - ☐ 3. DAGs inherently provide better data security and access control.
 - ☐ 4. DAGs allow for faster traversal and searching of files.

Q.90 Ganesh starts from point A and drives 11 km towards the south. He then takes a right turn, drives 8 km, turns right and drives 15 km. He then takes a right turn and drives 12 km. He takes a final right turn, drives 4 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90-degree turns only unless specified.)

- Ans**
- ☐ 1. 3 km to the east
 - ☐ 2. 4 km to the east
 - ☐ 3. 3 km to the west
 - ☒ 4. 4 km to the west

Q.91 Evaluate: $22 - [22 - \{22 - (22 - 22 \times 4)\}]$

- Ans**
- ☐ 1. 101
 - ☐ 2. 111
 - ☒ 3. 88
 - ☐ 4. 92

Q.92 The exchange rate system was reformed to reflect market conditions. What type of exchange rate regime did India adopt post-1991?

- Ans**
- ☐ 1. Floating exchange rate
 - ☒ 2. Managed floating exchange rate
 - ☐ 3. Fixed exchange rate
 - ☐ 4. Gold standard

Q.93 Enzyme cofactors such as NAD^+ function mainly by:

- Ans**
- ☐ 1. acting as a permanent structural component of the enzyme
 - ☐ 2. increasing the overall concentration of the enzyme
 - ☒ 3. lowering the activation energy by stabilising the transition state
 - ☐ 4. providing a binding site for competitive inhibitors

Q.94 A dealer marks his goods at 5% above the cost price and allows a discount of 67% on the marked price. What is his gain or loss percentage (correct to two decimal places)?

- Ans**
- ☐ 1. 68.42% loss
 - ☐ 2. 66.14% loss
 - ☒ 3. 65.35% loss
 - ☐ 4. 66.1% loss

Q.95 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 - Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(14, 66, 19)
(43, 134, 24)

- Ans**
- ☐ 1. (10, 35, 8)
 - ☐ 2. (45, 97, 4)
 - ☐ 3. (37, 81, 4)
 - ☒ 4. (6, 42, 15)

Q.96 Find the value of $\sqrt{125} + \sqrt{344} + \sqrt{289}$.

- Ans
- ☐ 1. 8
 - ☐ 2. 22
 - ☐ 3. 7
 - ☒ 4. 12

Q.97 In April 2025, in which city of India did the Central Zoo Authority (CZA) approve the city's first deer park?

- Ans
- ☐ 1. Faridabad
 - ☐ 2. Hisar
 - ☒ 3. Noida
 - ☐ 4. Moradabad

Q.98 A 100 m long train overtakes a man moving at a speed of 9 km/hr (in same direction) in 30 seconds. How much time (in seconds) will this train take to completely cross another 220 m long train, moving in the opposite direction at a speed of 51 km/hr?

- Ans
- ☐ 1. 5
 - ☐ 2. 34
 - ☐ 3. 10
 - ☒ 4. 16

Q.99 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7452183, then what will the difference between the highest and lowest digits in the new number thus formed be?

- Ans
- ☐ 1. 6
 - ☐ 2. 7
 - ☒ 3. 8
 - ☐ 4. 9

Q.100 A, B, C, D, E, F and G are sitting around a circular table facing the centre. B sits third to the left of C. F sits second to the left of E. B is not an immediate neighbour of E. D sits to the immediate right of A. What is the position of B with respect to G?

- Ans
- ☐ 1. To the immediate right
 - ☐ 2. Third to the left
 - ☐ 3. Second to the left
 - ☒ 4. To the immediate left



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	Pawan Ganga Educational Centre 1
Test Date	16/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 Seven people, I, J, K, L, O, P and Q are sitting in a row, facing north. Only two people sit to the right of I. Only two people sit between I and O. Only two people sit between J and P. P sits to the immediate left of I. Q sits to the immediate right of L. Who sits at third position from the left end of the line?

- Ans**
- ☒ 1. Q
 - ☒ 2. I
 - ☒ 3. O
 - ☒ 4. K

Q.2 From a point P on a level ground, the angle of elevation of the top of a tower is 30° . From a point Q on the same level ground, the angle of elevation of the top of the tower is 45° . The distance between P and Q is 100 m. The height of the tower is:

- Ans**
- ☒ 1. $\frac{50}{\sqrt{3}}$ m
 - ☒ 2. 25 m
 - ☒ 3. $\frac{50}{\sqrt{2}}$ m
 - ☒ 4. $50\sqrt{3}$ m

Q.3 The ratio between the perimeter and breadth of a rectangle is 3 : 1. If the area of the rectangle is 98 cm^2 , find the perimeter (in cm) of the rectangle.

- Ans**
- ☒ 1. 47
 - ☒ 2. 50
 - ☒ 3. 42
 - ☒ 4. 38

Q.4 Which aspect of life is explored under the theme of akam in Sangam literary works?

- Ans**
- ☒ 1. Love
 - ☒ 2. Politics
 - ☒ 3. War
 - ☒ 4. Deed

Q.5 P, Q, R, S, T, U and V have an exam on different days of the week starting on Monday and ending on Sunday. Q has an exam on Friday. Exactly 3 people have an exam between R and T, neither of whom has an exam on Sunday. P has an exam immediately after U. V has an exam immediately before T. Who among the following has an exam on Wednesday?

- Ans**
- ☒ 1. U
 - ☐ 2. V
 - ☐ 3. R
 - ☐ 4. S

Q.6 In Windows-based systems, which Alt key combination is most likely to display the contextual control menu of the active window, especially when the title bar is inaccessible?

- Ans**
- ☐ 1. Alt + F10
 - ☒ 2. Alt + Space
 - ☐ 3. Alt + Del
 - ☐ 4. Alt + F4

Q.7 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
TMP RKN PIL NGJ ?

- Ans**
- ☐ 1. LEG
 - ☐ 2. LFG
 - ☒ 3. LEH
 - ☐ 4. LFH

Q.8 Who among the following was awarded the Grand Collar of the Timor-Leste in August 2024?

- Ans**
- ☐ 1. Narendra Modi
 - ☒ 2. Droupadi Murmu
 - ☐ 3. Dr. S Jaishankar
 - ☐ 4. Om Birla

Q.9 A local train without stoppages runs at an average speed of 70 km/hr, and with stoppages, at an average speed of 30 km/hr. What is the total time (in hours) taken by the local train for stoppages on a route of length 630 km?

- Ans**
- ☐ 1. 19
 - ☐ 2. 10
 - ☒ 3. 12
 - ☐ 4. 8

Q.10 When appointing Governors of States and Lieutenant Governors of Union Territories, the President of India acts on the advice of which body?

- Ans**
- ☐ 1. The Election Commission
 - ☐ 2. The State Legislatures
 - ☒ 3. The Union Council of ministers
 - ☐ 4. The Supreme Court of India

Q.11 At what rate of interest per annum will a sum of ₹15,625 amount to ₹19,683 in 1 year and 6 months, if the interest is compounded half-yearly?

- Ans**
- ☐ 1. 8%
 - ☐ 2. 19%
 - ☒ 3. 16%
 - ☐ 4. 20%

Q.12 The length of a rectangular plot is $(x^2 + xy + y^2)$ m and its breadth is $(x + y)$ m. Find its perimeter, when $x = 1$ and $y = -1$.

- Ans
- ☐ 1. 8 m
 - ☐ 2. 17 m
 - ☒ 3. 12 m
 - ☐ 4. 19 m

Q.13 A factory produces 15, 20, 25, 10, and 30 units of a gadget over five days. What is the average production (in units) per day?

- Ans
- ☐ 1. 18
 - ☐ 2. 22
 - ☒ 3. 20
 - ☐ 4. 24

Q.14 Which Indian state/Union territory had the highest urbanised population, as per the Census 2011?

- Ans
- ☒ 1. Delhi
 - ☐ 2. Maharashtra
 - ☐ 3. Goa
 - ☐ 4. Tamil Nadu

Q.15 Which Delhi Sultanate ruler was associated with the expedition of Bhilsa (Vidisha) in AD 1292?

- Ans
- ☐ 1. Iltutmish
 - ☒ 2. Alauddin Khilji
 - ☐ 3. Ulugh Khan
 - ☐ 4. Ghazi Malik

Q.16 Nilgiri Biosphere Reserve spans which of the following groups of Indian states?

- Ans
- ☐ 1. Kerala, Telangana, Tamil Nadu
 - ☐ 2. Maharashtra, Goa, Karnataka
 - ☒ 3. Tamil Nadu, Kerala, Karnataka
 - ☐ 4. Andhra Pradesh, Tamil Nadu, Kerala

Q.17 Which of the following countries experienced widespread protests in May 2025 due to the government's decision to dissolve all political parties and extend the presidential term?

- Ans
- ☒ 1. Mali
 - ☐ 2. Chad
 - ☐ 3. Sudan
 - ☐ 4. Niger

Q.18 Kanchan's salary is ₹12,000 per month. He spends ₹4,000 on house rent and ₹2,000 on bills, and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent all his monthly savings on birthday celebrations.

- Ans
- ☐ 1. 72,000
 - ☐ 2. 54,000
 - ☒ 3. 66,000
 - ☐ 4. 60,000

Q.19 If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 8631247, what will be the sum of the digits that are third from the left and first from the right?

- Ans**
- ☐ 1. 8
 - ☒ 2. 12
 - ☐ 3. 11
 - ☐ 4. 9

Q.20 Where can people of Indian origin living abroad apply for Indian citizenship under Article 8?

- Ans**
- ☐ 1. Indian Embassy in Delhi only
 - ☐ 2. Supreme Court
 - ☒ 3. Indian Embassy at their country of living
 - ☐ 4. State government office

Q.21 Who inaugurated 'Srjanam', a biomedical waste conversion system, at AIIMS Delhi in 2025?

- Ans**
- ☐ 1. Director of AIIMS Delhi
 - ☐ 2. Director of CSIR-NIIST
 - ☒ 3. Union Minister for Science and Technology
 - ☐ 4. NITI Aayog Member

Q.22 I, J, K, L, M and Y live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. Only L lives above Y. I lives on some floor below J. Only M lives below K. How many people live between J and M?

- Ans**
- ☐ 1. Four
 - ☐ 2. Three
 - ☒ 3. Two
 - ☐ 4. One

Q.23 OJ 9 is related to QM -8 in a certain way. In the same way, JK 14 is related to LN -3. To which of the given options is VP 1 related, following the same logic?

- Ans**
- ☐ 1. YT -16
 - ☐ 2. XT -16
 - ☒ 3. XS -16
 - ☐ 4. YS -14

Q.24 Which of the following numbers is divisible by 87?

- Ans**
- ☐ 1. 6712
 - ☐ 2. 7741
 - ☐ 3. 7099
 - ☒ 4. 7221

Q.25 Which of the following statements about the December 2024 appointments to the National Human Rights Commission (NHRC) is INCORRECT?

- Ans**
- ☐ 1. Justice (Dr.) Bidyut Ranjan Sarangi joined NHRC as a Member.
 - ☒ 2. Shri Priyank Kanoongo was appointed as the Secretary General of NHRC.
 - ☐ 3. Justice V Ramasubramanian was appointed as the Chairperson of NHRC.
 - ☐ 4. The appointments were made by the President of India in December 2024.

Q.26 Bholanath Singh was the leader of which of the following revolts?

- Ans**
- ☐ 1. Santhal Revolt
 - ☐ 2. Wahabi Movement
 - ☐ 3. Farazi Movement
 - ☒ 4. Tamar Revolt

Q.27 The curved surface area of a cylinder is half of its total surface area. If its height is 195 cm, then find its diameter (in cm).

- Ans**
- ☒ 1. 390
 - ☐ 2. 383
 - ☐ 3. 393
 - ☐ 4. 381

Q.28 F is the husband of G. G is the mother of H. H is the husband of I. I is the mother of J. How is F related to J?

- Ans**
- ☐ 1. Mother's brother
 - ☐ 2. Mother's father
 - ☐ 3. Father's brother
 - ☒ 4. Father's father

Q.29 The Ministry of MSMEs in India celebrates the MSME Day on ____.

- Ans**
- ☐ 1. 14 April
 - ☐ 2. 7 June
 - ☒ 3. 27 June
 - ☐ 4. 30 January

Q.30 Income of Amit in 2019 was ₹22,000. He gets an increment of 20% every year. What was his income (in ₹) in 2021?

- Ans**
- ☐ 1. 30,800
 - ☒ 2. 31,680
 - ☐ 3. 26,400
 - ☐ 4. 22,000

Q.31 Which of the following states recorded the highest Schedule Tribes (ST) sex ratio in 2011, as per the Census of India data?

- Ans**
- ☐ 1. Mizoram
 - ☐ 2. Tamil Nadu
 - ☐ 3. Arunachal Pradesh
 - ☒ 4. Goa

Q.32 The mention of DNA as a long polymer of deoxyribonucleotides implies which structural characteristic?

- Ans**
- ☐ 1. Each nucleotide is linked by hydrogen bonds in a parallel fashion.
 - ☐ 2. The molecule consists of multiple independent short chains.
 - ☒ 3. It is composed of a sugar-phosphate backbone and nitrogenous bases.
 - ☐ 4. The sequence is circular and self-replicating.

Q.33 Each of the digits in the number 691478325 is arranged in ascending order from left to right. What will be the sum of the digits that are third from the left and second from the right in the new number thus formed?

- Ans**
- ☐ 1. 9
 - ☐ 2. 12
 - ☐ 3. 10
 - ☒ 4. 11

Q.34 Find a single discount (rounded up to two decimal places) equal to three consecutive discounts of 3%, 27% and 23%.

- Ans**
- ☐ 1. 45.34%
 - ☐ 2. 43.03%
 - ☐ 3. 45.73%
 - ☒ 4. 45.48%

Q.35 In a certain code language, 'MEAN' is coded as '6248' and 'AIDS' is coded as '5721'. What is the code for 'A' in the given code language?

- Ans**
- ☐ 1. 4
 - ☐ 2. 5
 - ☐ 3. 7
 - ☒ 4. 2

Q.36 M is inversely proportional to N. If M is 18, then N is 21. If N = 27, then what is the value of M?

- Ans**
- ☐ 1. 16
 - ☐ 2. 13
 - ☒ 3. 14
 - ☐ 4. 12

Q.37 Anuj starts from Point A and drives 12 km towards East. He then takes a right turn, drives 8 km, turns right and drives 14 km. He then takes a right turn and drives 11 km. He takes a final right turn, drives 2 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only, unless specified.)

- Ans**
- ☐ 1. 4 km to the south
 - ☐ 2. 2 km to the south
 - ☐ 3. 1 km to the south
 - ☒ 4. 3 km to the south

Q.38 The endangered bird species found in the Thar Desert is:

- Ans**
- ☐ 1. Hornbill
 - ☒ 2. Great Indian Bustard
 - ☐ 3. Flamingo
 - ☐ 4. Pelican

Q.39 The median of the observations 34, 58, 98, 42, 83, 62, 12, 11, 87, 75 and 15 is:

- Ans**
- ☐ 1. 75
 - ☐ 2. 62
 - ☐ 3. 42
 - ☒ 4. 58

Q.40 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?
#: OLR :: LIO : %

- Ans**
- ✓ 1. # = ROU, % = IFL
 - ✗ 2. # = PKI, % = IMJ
 - ✗ 3. # = RPO, % = MKP
 - ✗ 4. # = YTU, % = LKJ

Q.41 In MS Word 365, which feature allows users to set specific spacing before and after paragraphs to control the vertical space between paragraphs and improve document readability?

- Ans**
- ✗ 1. Page Layout
 - ✗ 2. Indentation
 - ✓ 3. Paragraph Spacing
 - ✗ 4. Line Spacing

Q.42 If the median of a data is 45.98 less than its mode, then the median of the data exceeds its mean by _____. (Use empirical formula)

- Ans**
- ✗ 1. 25.13
 - ✓ 2. 22.99
 - ✗ 3. 21.05
 - ✗ 4. 26.54

Q.43 'Pradeshtis' word is used for which officers during the Mauryan Empire?

- Ans**
- ✗ 1. Chief minister
 - ✗ 2. Judges
 - ✗ 3. Commander of army
 - ✓ 4. Officers responsible for suppression of criminals

Q.44 Akash sold an article at a loss of 21%. If he had bought the item at 8% less and had sold it for ₹198 more, then he would have gained 5%. Find the cost price (in ₹) of the article.

- Ans**
- ✗ 1. 686
 - ✗ 2. 1,419
 - ✓ 3. 1,125
 - ✗ 4. 685

Q.45 The ratio of the lengths of two corresponding sides of two similar triangles is 10 : 9. The ratio of the areas of these two triangles, in the order mentioned, is:

- Ans**
- ✗ 1. $10\sqrt{10} : 9$
 - ✗ 2. 10 : 9
 - ✗ 3. 101 : 82
 - ✓ 4. 100 : 81

Q.46 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) 3 # 6 5 2 @ 8 * 7 9 1 % 2 8 1 9 3 # 1 £ © 7 (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans
- ☐ 1. 5
 - ☐ 2. 2
 - ☒ 3. 3
 - ☐ 4. 4

Q.47 QQ 3 is related to NU -1 in a certain way. In the same way, OK 11 is related to LO 7. To which of the given options is PL -2 related, following the same logic?

- Ans
- ☐ 1. MQ -4
 - ☐ 2. NP -4
 - ☒ 3. MP -6
 - ☐ 4. NQ -6

Q.48 Vinod starts from point A and drives 8 km towards the west. He then takes a left turn, drives 6 km, turns left and drives 12 km. He then takes a left turn and drives 11 km. He takes a final left turn, drives 4 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90-degree turns only unless specified.)

- Ans
- ☐ 1. 5 km to the north
 - ☐ 2. 6 km to the north
 - ☐ 3. 6 km to the south
 - ☒ 4. 5 km to the south

Q.49 In January 2025, who became the first Indian to be nominated for Best Director (Motion Picture) at the Golden Globe Awards?

- Ans
- ☐ 1. Mira Nair
 - ☐ 2. Zoya Akhtar
 - ☐ 3. Meghna Gulzar
 - ☒ 4. Payal Kapadia

Q.50 What should come in place of the question mark (?) in the given series?

842 840 836 830 822 ?

- Ans
- ☐ 1. 808
 - ☐ 2. 810
 - ☒ 3. 812
 - ☐ 4. 814

Q.51 Who among the following has become the 11th Chairman of Securities and Exchange Board of India in February 2025?

- Ans
- ☒ 1. Tuhin Kanta Pandey
 - ☐ 2. Ajay Seth
 - ☐ 3. Manan Kumar Mishra
 - ☐ 4. Dr. Mayank Sharma

Q.52 What major tax reform was introduced by the 101st Amendment Act, 2016?

- Ans**
- ☐ 1. Wealth Tax
 - ☐ 2. Income Tax
 - ☒ 3. Goods and Services Tax (GST)
 - ☐ 4. Excise Duty

Q.53 Anti-dumping and anti-subsidies & countervailing measures in India are administered by which Ministry?

- Ans**
- ☐ 1. Ministry of External Affairs
 - ☐ 2. Ministry of Finance
 - ☐ 3. Ministry of Home Affairs
 - ☒ 4. Ministry of Commerce and Industry

Q.54 Which of the following ratios is greatest?

- Ans**
- ☐ 1. 21 : 45
 - ☒ 2. 20 : 36
 - ☐ 3. 25 : 50
 - ☐ 4. 17 : 42

Q.55 An electric pump can fill a tank in 3 hours. Due to a leakage in the tank, how much time will this leak take to empty the full tank if water does not leak?

- Ans**
- ☒ 1. 7 hours
 - ☐ 2. 17 hours
 - ☐ 3. 10 hours
 - ☐ 4. 24 hours

Q.56 Which shortcut key combination is used to insert a hyperlink in MS PowerPoint 365?

- Ans**
- ☐ 1. Ctrl + Shift + X
 - ☐ 2. Ctrl + N
 - ☐ 3. Alt + X
 - ☒ 4. Ctrl + K

Q.57 Which of the following is NOT located in the Andaman group?

- Ans**
- ☒ 1. Minicoy
 - ☐ 2. Havelock
 - ☐ 3. Barren
 - ☐ 4. Neil

Q.58 In a certain code language, 'FISH' is coded as '6147' and 'SALE' is coded as '9512'. What is the code for 'S' in the given code language?

- Ans**
- ☐ 1. 4
 - ☐ 2. 5
 - ☒ 3. 1
 - ☐ 4. 9

Q.59 Which Fundamental Right was introduced by the 86th Constitutional Amendment Act of 2002 specifically for children?

- Ans**
- ☒ 1. Right of children to free and compulsory education
 - ☐ 2. Right to free electricity
 - ☐ 3. Right to travel abroad
 - ☐ 4. Right to vote

Q.60 In MS Word 2019, which of the following features can you use to change the page orientation of your document?

- Ans**
- ☐ 1. View → Print Layout
 - ☐ 2. Review → Spelling & Grammar
 - ☒ 3. Page Layout → Orientation
 - ☐ 4. Insert → Page Number

Q.61 Manish ranked 18th from the top and 49th from the bottom in his class. How many students are there in his class?

- Ans**
- ☐ 1. 64
 - ☐ 2. 65
 - ☐ 3. 67
 - ☒ 4. 66

Q.62 In which year did the English East India Company pass a new law that required every new person who took up employment in the Company's army to serve overseas if required?

- Ans**
- ☐ 1. 1840
 - ☐ 2. 1860
 - ☐ 3. 1850
 - ☒ 4. 1856

Q.63 12 is related to 4 following a certain logic. Following the same logic, 24 is related to 8. To which of the following is 60 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☒ 1. 20
 - ☐ 2. 15
 - ☐ 3. 30
 - ☐ 4. 25

Q.64 The value of 596×604 is:

- Ans**
- ☐ 1. 356822
 - ☒ 2. 359984
 - ☐ 3. 366958
 - ☐ 4. 364199

Q.65 Who among the following is NOT eligible for the subsidy under the PMAY-U 2.0 scheme launched in 2024?

- Ans**
- ☐ 1. Individuals with annual income up to ₹6 lakh
 - ☒ 2. Families given housing by any government scheme in the past 20 years
 - ☐ 3. Middle Income Groups (MIG) having an annual income of up to ₹9 lakh per year
 - ☐ 4. Individuals from Economically Weaker Sections (EWSs)

Q.66 The award (decision) made by the Lok Adalats is deemed to be a decree of a civil court and is final and binding on all parties because:

- Ans**
- ☐ 1. A review petition can be filed
 - ☐ 2. An appeal can be filed in the Supreme Court
 - ☐ 3. An appeal can be filed in the High Court
 - ☒ 4. No appeal is permissible

Q.67 Let ABC and DEF be two triangles such that $\angle A = \angle D = 40^\circ$ and $AB = DE$. What is the condition required to be met such that ABC and DEF are similar triangles?

- Ans**
- ☐ 1. $BC = EF$
 - ☒ 2. $\angle C = \angle F$
 - ☐ 3. $\angle B = \angle D$
 - ☐ 4. $\angle B = \angle F$

Q.68 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. LR - QM
 - ☐ 2. HN - MI
 - ☒ 3. WC - BY
 - ☐ 4. BH - GC

Q.69 The average of eight numbers is 14. The average of five of these numbers is 14. The average of the remaining three numbers is:

- Ans**
- ☐ 1. 13
 - ☒ 2. 14
 - ☐ 3. 16
 - ☐ 4. 15

Q.70 The mean proportional between $(21 + 16\sqrt{2})$ and $(16 - 7\sqrt{2})$ is:

- Ans**
- ☐ 1. $17\sqrt{7}$
 - ☐ 2. $\sqrt{109 + 112\sqrt{2}}$
 - ☒ 3. $\sqrt{112 + 109\sqrt{2}}$
 - ☐ 4. $4\sqrt{7}$

Q.71 On simple interest, a certain sum of money amounts to ₹1,750 in 2 years and to ₹3,250 in 4 years. Find the rate of interest per annum.

- Ans**
- ☐ 1. 299%
 - ☐ 2. 302%
 - ☒ 3. 300%
 - ☐ 4. 301%

Q.72 According to a Morgan Stanley Report, how much is India's infrastructure investment expected to increase as a percentage of GDP by FY29?

- Ans**
- ☐ 1. 5.3%
 - ☐ 2. 4.5%
 - ☐ 3. 7.0%
 - ☒ 4. 6.5%

Q.73 How many rural households were graded based on deprivation criteria, as per Socio Economic and Caste Census (SECC) that was concluded by the Ministry of Rural Development in March, 2016?

- Ans
- ☒ 1. 8.72 crore
 - ☐ 2. 9.72 crore
 - ☐ 3. 7.72 crore
 - ☐ 4. 6.72 crore

Q.74 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

XDO BBQ FZS JXU ?

- Ans
- ☐ 1. OWV
 - ☒ 2. NVW
 - ☐ 3. LWX
 - ☐ 4. MUX

Q.75 In which type of musical instruments, sound is produced by blowing air into a hollow column?

- Ans
- ☐ 1. Tata Vadya
 - ☐ 2. Avanaddha Vadya
 - ☒ 3. Sushira Vadya
 - ☐ 4. Ghana Vadya

Q.76 If α , β and γ are the roots of the equation $6x^3 - 11x^2 + 6x - 1 = 0$, find $\Sigma \alpha^2 \beta \gamma$.

- Ans
- ☐ 1. $-\frac{11}{6}$
 - ☐ 2. $-\frac{11}{36}$
 - ☐ 3. $\frac{11}{6}$
 - ☒ 4. $\frac{11}{36}$

Q.77 The speed of a boat in still water is 9 km/hr and the speed of the stream is 5 km/hr. A man rows to a place at a distance of 75.6 km and comes back to the starting point. Find the total time (in hours) taken by him.

- Ans
- ☐ 1. 20.8
 - ☒ 2. 24.3
 - ☐ 3. 19.3
 - ☐ 4. 26.6

Q.78 Which bank has officially partnered with Sunrisers Hyderabad (SRH) as its exclusive banking partner in March 2025?

- Ans
- ☐ 1. Axis Bank
 - ☐ 2. HDFC Bank
 - ☒ 3. City Union Bank
 - ☐ 4. ICICI Bank

Q.79 What is the dimensional formula of pressure?

- Ans
- ☒ 1. $[M L^{-1} T^{-2}]$
 - ☐ 2. $[M L^{-2} T^{-2}]$
 - ☐ 3. $[M L^2 T^{-2}]$
 - ☐ 4. $[M L T^{-2}]$

Q.80 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$76 \div 9 + 818 \times 2 - 93 = ?$$

- Ans
- ☐ 1. 388
 - ☐ 2. 378
 - ☒ 3. 368
 - ☐ 4. 398

Q.81 In a certain code language, 'MUST' is coded as '4268' and 'SALE' is coded as '3527'. What is the code for 'S' in the given code language?

- Ans
- ☐ 1. 7
 - ☒ 2. 2
 - ☐ 3. 3
 - ☐ 4. 6

Q.82 If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '÷' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation?

$$(46 \text{ B } 8) \text{ A } 16 \text{ C } 15 \text{ B } 3 \text{ D } 27 = ?$$

- Ans
- ☐ 1. 52
 - ☒ 2. 41
 - ☐ 3. 29
 - ☐ 4. 68

Q.83 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All cows are emu.

All emus are ostrich.

Some ostriches are duck.

Conclusions:

(I) Some ducks are cows.

(II) All ostriches are cows.

- Ans
- ☐ 1. Only conclusion (II) follows
 - ☐ 2. Only conclusion (I) follows
 - ☐ 3. Both conclusions (I) and (II) follow
 - ☒ 4. Neither conclusion (I) nor conclusion (II) follows

Q.84 In which of the following countries did the United Nations Biodiversity Convention 2024 (COP16) conclude in February 2025?

- Ans
- ☐ 1. Colombia
 - ☐ 2. Germany
 - ☐ 3. France
 - ☒ 4. Italy

Q.85 Find the value of $\frac{\sqrt{0.011025}}{\sqrt{0.001225}}$

Ans ☒ 1. 3

☐ 2. 13

☐ 3. 17

☐ 4. 18

Q.86 7 times the present age of X is 6 years less than 2 times the present age of Y. At present, P is 7 times as old as X, and Y is 6 years younger than Q. If P is 70 years older than Q, then the present age (in years) of Y is:

Ans ☐ 1. 78

☒ 2. 82

☐ 3. 75

☐ 4. 73

Q.87 QP 15 is related to TR 6 in a certain way. In the same way, KN 8 is related to NP -1. To which of the given options is LO 3 related, following the same logic?

Ans ☐ 1. BH -4

☒ 2. OQ -6

☐ 3. YR -7

☐ 4. OP -9

Q.88 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans ☒ 1. GC - LF

☐ 2. DZ - IB

☐ 3. QM - VO

☐ 4. IE - NG

Q.89 Two taps can fill a cistern in 3 hours and 18 hours, respectively. A third tap can empty it in 72 hours. How long (in hours) will it take to fill three-fourth of the empty cistern, if all of them are opened together?

Ans ☐ 1. 6

☐ 2. 8

☒ 3. 2

☐ 4. 4

Q.90 In MS Word, if you want to duplicate a selected text without removing it from its original location, which set of commands should you use?

Ans ☐ 1. Cut → Paste

☐ 2. Select → Move

☒ 3. Copy → Paste

☐ 4. Delete → Undo

Q.91 Three numbers are in the ratio 2 : 14 : 3, and their LCM is 4116. Their HCF is:

Ans ☐ 1. 95

☐ 2. 100

☒ 3. 98

☐ 4. 108

Q.92 What should come in place of the question mark (?) in the given series?

13 8 24 19 57 52 156 ?

- Ans**
- ☒ 1. 155
 - ☒ 2. 151
 - ☒ 3. 169
 - ☒ 4. 140

Q.93 According to the Press Information Bureau, by what percentage did India's Defence Public Sector Undertakings (DPSUs) exports grow in the fiscal year 2024-25 compared to the previous year?

- Ans**
- ☒ 1. 35.7%
 - ☒ 2. 42.85%
 - ☒ 3. 25.5%
 - ☒ 4. 50.2%

Q.94 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) 5 \$ 6 @ 3 * 6 4 & \$ 2 9 5 9 € £ 7 8 # 1 & 2 (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

- Ans**
- ☒ 1. 3
 - ☒ 2. 4
 - ☒ 3. 2
 - ☒ 4. 5

Q.95 Seven friends, A, B, C, D, P, Q and R, are sitting in a straight line facing north. Only two people sit to the left of R. Only three people sit between R and P. Only one person sits between P and A. D sits to the immediate left of Q. B is not an immediate neighbour of P. How many people sit to the right of C?

- Ans**
- ☒ 1. Four
 - ☒ 2. One
 - ☒ 3. Three
 - ☒ 4. Two

Q.96 A vendor sells oranges at ₹44 each and incurs a loss of 78%. If he wants to make a profit of 78%, at what price (in ₹) should he sell each orange?

- Ans**
- ☒ 1. 356
 - ☒ 2. 355
 - ☒ 3. 354
 - ☒ 4. 358

Q.97 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) 7 @ £ 1 @ 7 # * 8 7 8 6 5 3 8 4 € # £ 9 1 £ (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?

- Ans**
- ☐ 1. 3
 - ☒ 2. 1
 - ☐ 3. 2
 - ☐ 4. 0

Q.98 Who was honoured with the title 'Assam Kesari' for his courageous role in the Indian freedom movement?

- Ans**
- ☐ 1. Tarun Ram Phukan
 - ☐ 2. Gopinath Bordoloi
 - ☐ 3. Chandrababha Saikiani
 - ☒ 4. Ambikagiri Raichoudhury

Q.99 In February 2025, which international organisation signed a strategic partnership with the African Union to boost vaccine manufacturing on the continent?

- Ans**
- ☒ 1. GAVI – The Vaccine Alliance
 - ☐ 2. International Monetary Fund
 - ☐ 3. World Bank
 - ☐ 4. World Health Organization

Q.100 What is the advantage of keeping food in an airtight container?

- Ans**
- ☐ 1. It changes the colour of the food.
 - ☐ 2. It enhances the taste of the food.
 - ☐ 3. It promotes anaerobic bacterial growth.
 - ☒ 4. It slows down oxidation.



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	Bhartiya Institute of Engineering and Technology
Test Date	16/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

- Options shown in green color with a tick icon are correct.
- Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 Pankaj, Meera, and Ashok invest ₹41,000, ₹39,000, and ₹84,000 respectively to start a business. At the end of the year, the total profit earned is ₹49,200. 29% of the total profit earned is given to charity and the rest is divided among them in the ratio of their investments. What will be the share of Ashok (in ₹)?

- Ans**
- ☒ 1. 18,168
 - ☒ 2. 17,670
 - ☒ 3. 17,754
 - ☒ 4. 17,892

Q.2 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 5214637, how many digits will appear more than once in the new number thus formed?

- Ans**
- ☒ 1. Four
 - ☒ 2. Two
 - ☒ 3. One
 - ☒ 4. Three

Q.3 Sachdev starts from Point A and drives 11 km towards West. He then takes a right turn, drives 9 km, turns right and drives 13 km. He then takes a right turn and drives 14 km. He takes a final right turn, drives 2 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only, unless specified.)

- Ans**
- ☒ 1. 5 km to the north
 - ☒ 2. 4 km to the north
 - ☒ 3. 6 km to the north
 - ☒ 4. 7 km to the north

Q.4 Banking reforms were part of the 1991 economic reforms. Which of the following committees recommended banking sector liberalisation in 1991?

- Ans**
- ☒ 1. Suresh Tendulkar Committee
 - ☒ 2. Kelkar Committee
 - ☒ 3. Rangarajan Committee
 - ☒ 4. Narasimham Committee

Q.5 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: DTF :: URQ : %

- Ans**
- ☐ 1. # = DTU, % = VWP
 - ☐ 2. # = CPH, % = UPN
 - ☐ 3. # = DSG, % = VWM
 - ☒ 4. # = CQG, % = VUP

Q.6 What type of combustion occurs when we bring a burning matchstick near a gas stove in the kitchen and turn on the knob of the gas stove?

- Ans**
- ☐ 1. Slow combustion
 - ☐ 2. Delayed combustion
 - ☐ 3. Spontaneous combustion
 - ☒ 4. Rapid combustion

Q.7 If 'A' stands for '+', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation?

19 B 4 D 7 B 8 C 32 D 11 B 2 = ?

- Ans**
- ☐ 1. 22
 - ☐ 2. 16
 - ☐ 3. 48
 - ☒ 4. 30

Q.8 In April 2025, the DRDO and the Indian Army successfully conducted four flight-tests of which missile system from Dr APJ Abdul Kalam Island?

- Ans**
- ☒ 1. Medium-Range Surface-to-Air Missile (MRSAM)
 - ☐ 2. Nag
 - ☐ 3. BrahMos
 - ☐ 4. Akash

Q.9 The equivalent fraction of 1.222... is:

- Ans**
- ☐ 1. $\frac{10}{11}$
 - ☐ 2. $\frac{7}{18}$
 - ☒ 3. $\frac{11}{9}$
 - ☐ 4. $\frac{5}{2}$

Q.10 Which of the following states is landlocked and does not touch any international boundary?

- Ans**
- ☒ 1. Chhattisgarh
 - ☐ 2. Assam
 - ☐ 3. Uttar Pradesh
 - ☐ 4. Rajasthan

Q.11 This question is based on the five, three-digit numbers given below.

(Left) 951 474 717 497 127 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is subtracted from the third digit of the lowest number?

- Ans**
- ☐ 1. -3
 - ☐ 2. 1
 - ☐ 3. -1
 - ☒ 4. -2

Q.12 The Battle of Kalinga was fought in which year after Ashoka embraced Buddhism?

- Ans**
- ☐ 1. 273 BCE
 - ☒ 2. 261 BCE
 - ☐ 3. 240 BCE
 - ☐ 4. 250 BCE

Q.13 A, B, C, D, R, S and T are sitting around a circular table facing the centre of the table. B sits third to the left of T. R sits second to the left of S. Only T sits between A and R. C is not an immediate neighbour of B. How many people sit between D and R when counted from the right of D?

- Ans**
- ☐ 1. Four
 - ☐ 2. Three
 - ☒ 3. Two
 - ☐ 4. One

Q.14 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

DJP GMS JPV MSY ?

- Ans**
- ☐ 1. BPV
 - ☐ 2. BVP
 - ☐ 3. PBV
 - ☒ 4. PVB

Q.15 A, B, C, D, E, F and G are sitting around a circular table facing the centre. A sits third to the right of F. C sits second to the left of G. G is not an immediate neighbour of F. D sits to the immediate right of E. What is the position of C with respect to A?

- Ans**
- ☒ 1. To the immediate left
 - ☐ 2. To the immediate right
 - ☐ 3. Third to the left
 - ☐ 4. Second to the left

Q.16 This question is based on the five, three-digit numbers given below.

(Left) 917 782 549 557 539 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is added to the second digit of the lowest number?

- Ans
- ☒ 1. 13
 - ☒ 2. 11
 - ☒ 3. 12
 - ☒ 4. 15

Q.17 The sum of the square of two positive numbers a and b (where $a > b$) Find the difference between their squares.

- Ans
- ☒ 1. $\sqrt{15ab}$
 - ☒ 2. $5\sqrt{3ab}$
 - ☒ 3. $3\sqrt{5ab}$
 - ☒ 4. $5\sqrt{3ab}$

Q.18 In a certain code language, 'ROME' is coded as '7245' and 'TURN' is coded as '5689'. What is the code for 'R' in the given code language?

- Ans
- ☒ 1. 7
 - ☒ 2. 2
 - ☒ 3. 9
 - ☒ 4. 5

Q.19 Find the value of $\sqrt{212 + \sqrt{139 + \sqrt{900}}}$.

- Ans
- ☒ 1. 12
 - ☒ 2. 20
 - ☒ 3. 25
 - ☒ 4. 15

Q.20 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans
- ☒ 1. YR – DH
 - ☒ 2. TN – YC
 - ☒ 3. BU – GK
 - ☒ 4. MF – RV

Q.21 Find a single discount (rounded up to two decimal places) equal to three consecutive discounts of 13%, 20% and 4%.

- Ans
- ☒ 1. 36.92%
 - ☒ 2. 31.96%
 - ☒ 3. 33.18%
 - ☒ 4. 33.67%

Q.22 According to the Supreme Court ruling in 'The State of Madhya Pradesh vs Balveer Singh' (24 February 2025) case, which of the following statements is correct regarding 'child witnesses'?

- Ans**
- ☒ 1. A child's evidence is admissible if found voluntary, reliable and untutored.
 - ☐ 2. The Evidence Act mandates a minimum age for a person to be a witness in court.
 - ☐ 3. The testimony of a child witness is inadmissible unless corroborated by an adult.
 - ☐ 4. Courts must reject a child's testimony if there is any minor inconsistency.

Q.23 If '+' means 'subtraction', '-' means 'multiplication', '×' means 'division' and '÷' means 'addition', then what will come in place of the question mark (?) in the following equation?

$$96 \times 6 - 8 \div 71 + 26 = ?$$

- Ans**
- ☐ 1. 194
 - ☒ 2. 173
 - ☐ 3. 181
 - ☐ 4. 186

Q.24 Shivam's salary is ₹12,000 per month. He spends ₹4,000 on house rent and ₹1,500 on bills, and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent all his monthly savings on birthday celebrations.

- Ans**
- ☐ 1. 78,000
 - ☐ 2. 58,500
 - ☒ 3. 71,500
 - ☐ 4. 65,000

Q.25 Which of the following is NOT a part of the Peninsular Plateau's major divisions?

- Ans**
- ☐ 1. Central Highlands
 - ☐ 2. Northeastern Plateau
 - ☒ 3. Purvanchal Hills
 - ☐ 4. Deccan Plateau

Q.26 Shanu walks to his office 5 km away from home. In the morning, he covers the distance in 1 hour whereas, while returning home in the evening, he takes 30 more minutes to cover the same distance. Find his average speed (in km/hr) during the two-way journey.

- Ans**
- ☐ 1. 4.5
 - ☐ 2. 5
 - ☒ 3. 4
 - ☐ 4. 5.5

Q.27 Afferent neurons in the peripheral nervous system are responsible for which of the following?

- Ans**
- ☐ 1. Conveying motor commands from the brain to muscles
 - ☐ 2. Integrating reflex responses at the spinal cord level only
 - ☒ 3. Transmitting sensory information from receptors to the central nervous system
 - ☐ 4. Facilitating secretion of neurotransmitters exclusively

Q.28 A man covers distances of 1980 km, 1306 km, and 540 km at the speed of 12 km/hr, x km/hr, and 36 km/hr, respectively. If his average speed for the whole journey is 14 km/hr, then what is the value of x?

- Ans**
- ☐ 1. 19
 - ☒ 2. 14
 - ☐ 3. 13
 - ☐ 4. 10

Q.29 Three numbers are in the ratio 1 : 9 : 7, and their LCM is 6930. Their HCF is:

- Ans**
- ☐ 1. 101
 - ☒ 2. 110
 - ☐ 3. 116
 - ☐ 4. 109

Q.30 Which landmark case first established the principle of judicial review in constitutional law?

- Ans**
- ☒ 1. Marbury v. Madison (1803)
 - ☐ 2. Minerva Mills Case (1980)
 - ☐ 3. Kesavananda Bharati Case (1973)
 - ☐ 4. McCulloch v. Maryland (1819)

Q.31 A runner covers 5 km, 8 km, 6 km, 7 km, and 9 km in five races. What is the average distance covered per race?

- Ans**
- ☐ 1. 5 km
 - ☐ 2. 8 km
 - ☒ 3. 7 km
 - ☐ 4. 6 km

Q.32 SS 14 is related to WP -4 in a certain way. In the same way, CE 10 is related to GB -8. To which of the given options is QG 1 related, following the same logic?

- Ans**
- ☐ 1. UM -19
 - ☒ 2. UD -17
 - ☐ 3. IJ -21
 - ☐ 4. NR -23

Q.33 Which of the following best reflects the change in sector importance in India over time?

- Ans**
- ☐ 1. Tertiary → Secondary → Primary
 - ☐ 2. Tertiary → Primary → Secondary
 - ☐ 3. Secondary → Primary → Tertiary
 - ☒ 4. Primary → Secondary → Tertiary

Q.34 In the 'Suresh v. State Rep. by Inspector of Police case (March 2025)', what did the Supreme Court rule regarding 'dying declarations'?

- Ans**
- ☐ 1. Dying declarations are inadmissible in court.
 - ☐ 2. Dying declarations are sacrosanct and do not require any supporting evidence.
 - ☒ 3. Suspicious dying declarations require corroborative evidence.
 - ☐ 4. Dying declarations are always reliable.

Q.35 F is the brother of G. G is the husband of H. H is the daughter of I. I is the husband of J. How is F related to J?

- Ans**
- ✓ 1. Daughter's husband's brother
 - ✗ 2. Husband's father
 - ✗ 3. Husband's brother
 - ✗ 4. Daughter's husband's father

Q.36 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All cats are owls.

Some owls are rats.

No rat is bat.

Conclusions:

(I) Some rats are cats.

(II) Some bats can be cats.

- Ans**
- ✗ 1. Neither conclusion (I) nor conclusion (II) follows
 - ✗ 2. Both conclusions (I) and (II) follow
 - ✗ 3. Only conclusion (I) follows
 - ✓ 4. Only conclusion (II) follows

Q.37 Sachin bought 51 books at ₹1,120 per book from one shop and 49 books at ₹905 per book from another. What is the average price (in ₹) he paid per book?

- Ans**
- ✗ 1. 1,029.65
 - ✗ 2. 1,004.65
 - ✓ 3. 1,014.65
 - ✗ 4. 1,024.65

Q.38 In 2024, the Government of India replaced the Indian Telegraph Act, 1885 by enacting a new law to modernise the telecom sector. What is the name of this new legislation?

- Ans**
- ✓ 1. The Telecommunication Act, 2023
 - ✗ 2. Digital Communication Reform Act, 2024
 - ✗ 3. Information Infrastructure Modernization Act, 2024
 - ✗ 4. Bharat Telecom Services Act, 2023

Q.39 The median of the observations 31, 40, 74, 47, 14, 44, 46, 29, 36, 97 and 87 is:

- Ans**
- ✓ 1. 44
 - ✗ 2. 47
 - ✗ 3. 46
 - ✗ 4. 40

Q.40 What is the significance of the 'root directory' in a hierarchical file system structure?

- Ans**
- ✗ 1. It is a special directory that contains essential operating system kernel files.
 - ✗ 2. It is a temporary directory used by the operating system for caching frequently accessed files.
 - ✓ 3. It is the topmost directory in the file system hierarchy, from which all other directories branch.
 - ✗ 4. It is the directory where all user-specific files are stored.

Q.41 Two taps can fill a cistern in 4 hours and 32 hours, respectively. A third tap can empty it in 4 hours. How long (in hours) will it take to fill one-fourth of the empty cistern, if all of them are opened together?

- Ans** ☒ 1. 8
☐ 2. 32
☐ 3. 16
☐ 4. 24

Q.42 Amit had invested same amount of sums at simple as well as compound interest, compounded annually. The time period of investment for both the sums was 2 years and rate of interest too was the same, 4% per annum. At the end, he found a difference of ₹43 in both the interests received. What were the sums (in ₹) invested?

- Ans** ☐ 1. ₹25,975
☐ 2. ₹27,225
☒ 3. ₹26,875
☐ 4. ₹26,125

Q.43 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Only five people have exams between T and Q. U has an exam on Thursday. S has an exam immediately after Q. R has an exam immediately after P. How many people have exams between V and T?

- Ans** ☐ 1. Two
☒ 2. Three
☐ 3. Four
☐ 4. Five

Q.44 Which major tourism fair was held in Berlin from 4 to 6 March 2025?

- Ans** ☒ 1. ITB Berlin
☐ 2. World Tourism Forum
☐ 3. European Travel Market
☐ 4. Berlin Travel Expo

Q.45 Which of the following documents are NOT required under CAA 2019 to apply for Indian citizenship?

- Ans** ☐ 1. Aadhaar Card
☐ 2. Passport and Visa
☒ 3. Birth Certificate
☐ 4. Voter ID

Q.46 In March 2025, the theme of the 54th National Safety Week focused on which of the following?

- Ans** ☐ 1. Workers First, Safety Always
☐ 2. Safety at Every Step
☒ 3. Safety & Well-being Crucial for Viksit Bharat
☐ 4. Building Safer Factories

Q.47 AB is a chord in the minor segment of a circle of centre Q. P is a point on AB. The tangents drawn from external point D to the circle are AD and DB. $\angle APB = 39^\circ$, then find the measure of $\angle ADB$.

- Ans** ☐ 1. 89°
☐ 2. 98°
☒ 3. 102°
☐ 4. 108°

Q.48 Manav starts from point A and drives 10 km towards the east. He then takes a right turn, drives 9 km, turns right and drives 12 km. He then takes a right turn and drives 13 km. He takes a final right turn, drives 2 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90-degree turns only unless specified.)

- Ans**
- ☐ 1. 3 km to the south
 - ☐ 2. 3 km to the north
 - ☒ 3. 4 km to the south
 - ☐ 4. 4 km to the north

Q.49 What should come in place of the question mark (?) in the given series?

273 224 180 141 107 ?

- Ans**
- ☐ 1. 90
 - ☐ 2. 73
 - ☐ 3. 61
 - ☒ 4. 78

Q.50 Where will the World Health Summit Regional Meeting 2025 take place from 25-27 April 2025?

- Ans**
- ☐ 1. Bengaluru
 - ☐ 2. Mumbai
 - ☒ 3. New Delhi
 - ☐ 4. Hyderabad

Q.51 The value of 891×909 is:

- Ans**
- ☐ 1. 811232
 - ☐ 2. 809126
 - ☐ 3. 811716
 - ☒ 4. 809919

Q.52 A quadratic equation $x^2 + 3x + k = 0$ has a discriminant equal to 9. What is the value of k?

- Ans**
- ☐ 1. 2
 - ☒ 2. 0
 - ☐ 3. -1
 - ☐ 4. 1

Q.53 Post 1991 economic reforms, India engaged more actively in global trade agreements. Which organisation did India join in 1995 to boost global trade integration?

- Ans**
- ☐ 1. UNDP
 - ☐ 2. World Bank
 - ☐ 3. IMF
 - ☒ 4. WTO

Q.54 Anant Nag received the Padma Bhushan in 2025 for his work in which of the following fields?

- Ans**
- ☐ 1. Journalism
 - ☐ 2. Literature
 - ☒ 3. Art
 - ☐ 4. Public Affairs

Q.55 A seller marks their goods 28% above the cost price. On customer demand, they offer a 25% reduction on the bills. What percentage of profit or loss does the seller make?

- Ans**
- ☐ 1. 6% loss
 - ☒ 2. 4% loss
 - ☐ 3. 7% loss
 - ☐ 4. 1% profit

Q.56 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. QN – VO
 - ☒ 2. HE – NF
 - ☐ 3. FC – KD
 - ☐ 4. KH – PI

Q.57 What is the Forty-Second Amendment of the Indian Constitution commonly known as?

- Ans**
- ☐ 1. Major Bill
 - ☐ 2. Constitutional Guide
 - ☒ 3. Mini-Constitution
 - ☐ 4. Mini-Parliament

Q.58 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 6753412, what will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

- Ans**
- ☐ 1. 9
 - ☒ 2. 10
 - ☐ 3. 8
 - ☐ 4. 11

Q.59 What was the main demand of the Home Rule Movement?

- Ans**
- ☐ 1. Ban on all western education in India
 - ☒ 2. Self-governance within the British Empire
 - ☐ 3. Full independence from British rule
 - ☐ 4. Abolition of taxes

Q.60 Where is Rohtang Pass located?

- Ans**
- ☒ 1. On the eastern Pir Panjal range, near Manali
 - ☐ 2. On the Zaskar range, near Kargil
 - ☐ 3. On the Dhauladhar range, near Dharamshala
 - ☐ 4. On the Shiwalik hills, near Dehradun

Q.61 What should come in place of the question mark (?) in the given series?

852 850 846 840 832 ?

- Ans**
- ☐ 1. 820
 - ☐ 2. 824
 - ☒ 3. 822
 - ☐ 4. 826

Q.62 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(15, -6, 3)
(43, 582, 25)

- Ans**
- ☒ 1. (31, 327, 19)
 - ☒ 2. (50, 47, 10)
 - ☒ 3. (45, 99, 12)
 - ☒ 4. (19, 234, 16)

Q.63 The diameter of the base and slant height of a right circular cone are 30 cm and 113 cm, respectively. Find the volume (in cm^3) of the given cone.

(Use $\pi = \frac{22}{7}$)

- Ans**
- ☒ 1. 26,400
 - ☒ 2. 26,375
 - ☒ 3. 26,435
 - ☒ 4. 26,360

Q.64 Which of the following folk music forms is based on the tales of Mahabharata?

- Ans**
- ☒ 1. Bhagawati
 - ☒ 2. Powada
 - ☒ 3. Alha
 - ☒ 4. Pandavani

Q.65 Income of Amit in 2019 was ₹22,000. He gets an increment of 10% every year. What was his income (in ₹) in 2021?

- Ans**
- ☒ 1. 24,200
 - ☒ 2. 26,620
 - ☒ 3. 26,400
 - ☒ 4. 22,000

Q.66 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: LIN :: DAF : %

- Ans**
- ☒ 1. # = PBG, % = DER
 - ☒ 2. # = OLQ, % = AXC
 - ☒ 3. # = PLQ, % = MHU
 - ☒ 4. # = POQ, % = ALK

Q.67 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
UNP SLN QJL OHJ ?

- Ans**
- ☒ 1. MFG
 - ☒ 2. MFH
 - ☒ 3. MEH
 - ☒ 4. MEG

Q.68 The selling price of 34 books is equal to the cost price of 17 books. Find the loss or gain percentage.

- Ans**
- ☐ 1. 50% gain
 - ☐ 2. $\frac{100}{17}$ % loss
 - ☐ 3. $\frac{100}{17}$ % gain
 - ☒ 4. 50% loss

Q.69 Which of the following is considered an offense under the co-operative society laws?

- Ans**
- ☐ 1. Holding weekly meetings
 - ☐ 2. Submitting correct returns
 - ☒ 3. Giving false information
 - ☐ 4. Skipping the presidential election

Q.70 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. V has an exam on Tuesday. Exactly 2 people have an exam between V and P. S has an exam immediately before T, and Q has an exam immediately after R. Only 1 person has an exam between T and R
How many people have an exam before S?

- Ans**
- ☐ 1. 3
 - ☐ 2. 4
 - ☐ 3. 1
 - ☒ 4. 2

Q.71 Where did Anahat Singh win the women's squash title in 2025?

- Ans**
- ☐ 1. SRFI Indian Tour PSA Challenger tournament in Chennai
 - ☒ 2. Indian Open 2025 PSA Copper event in Mumbai
 - ☐ 3. Indian Open 2025 PSA Gold event in Delhi
 - ☐ 4. Chennai International Squash Tournament

Q.72 Which of the following is NOT a change of the new Income Tax bill introduced in the Parliament during February 2025?

- Ans**
- ☒ 1. Deletion of existing taxation principles, without ensuring continuity and usability
 - ☐ 2. Removal of redundant and repetitive provisions for better navigation
 - ☐ 3. Reorganisation of sections logically to facilitate ease of reference
 - ☐ 4. Elimination of intricate language to enhance readability

Q.73 The Alipore Bomb Case of 1908 is associated with which Indian revolutionary?

- Ans**
- ☒ 1. Aurobindo Ghosh
 - ☐ 2. Khudiram Bose
 - ☐ 3. Bhagat Singh
 - ☐ 4. Jatin Das

Q.74 In which year did Mendeleev publish the periodic table?

- Ans**
- ☐ 1. 1948
 - ☐ 2. 1894
 - ☐ 3. 1903
 - ☒ 4. 1869

Q.75 If the median of a data is 80.32 less than its mode, then the median of the data exceeds its mean by _____. (Use empirical formula)

- Ans**
- ☐ 1. 36.56
 - ☐ 2. 44.61
 - ☐ 3. 38.87
 - ☒ 4. 40.16

Q.76 What is the name of the point where India, China and Myanmar meet?

- Ans**
- ☐ 1. Anjaw Point
 - ☒ 2. Diphu Pass
 - ☐ 3. Kibithu
 - ☐ 4. Tri-Junction Pass

Q.77 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

CX-GB-KF
GB-KF-OJ

- Ans**
- ☒ 1. WR-AV-EZ
 - ☐ 2. LG-PK-SO
 - ☐ 3. PK-TO-WS
 - ☐ 4. FA-JE-NJ

Q.78 P, Q, R, S, T, U and V have an exam on different days of the week starting on Monday and ending on Sunday. Q has an exam on Wednesday. Exactly 4 people have an exam between T and U, neither of whom has an exam on Monday. R has an exam immediately before S and V has an exam immediately after S. P has an exam immediately before T.
How many people have an exam between P and R?

- Ans**
- ☐ 1. 1
 - ☐ 2. 4
 - ☐ 3. 3
 - ☒ 4. 2

Q.79 Which of the following banks has reported a significant rise in its net short position in the forward book, which expanded to \$77.5 billion by the end of January 2025, up from \$67.9 billion in December 2024?

- Ans**
- ☐ 1. State Bank of India
 - ☐ 2. Indian Bank
 - ☐ 3. Bank of India
 - ☒ 4. Reserve Bank of India

Q.80 Which of the following classical dance forms' music belongs to the Carnatic system?

- Ans**
- ☐ 1. Chhau
 - ☐ 2. Odissi
 - ☐ 3. Kathak
 - ☒ 4. Kuchipudi

Q.81 In MS PowerPoint, which of the following keys must be pressed to start a new line while typing inside a text box?

- Ans**
- ☐ 1. Tab
 - ☒ 2. Enter
 - ☐ 3. Spacebar
 - ☐ 4. Shift

Q.82 If $a : b :: b : c$; $c = 4a$ and $b = 10$, find the positive value of c .

- Ans**
- ☐ 1. 21
 - ☒ 2. 20
 - ☐ 3. 25
 - ☐ 4. 24

Q.83 What is a good way to keep your files organized on a computer?

- Ans**
- ☐ 1. Change file names every day
 - ☒ 2. Use separate folders for different types of files
 - ☐ 3. Remove folders regularly
 - ☐ 4. Store everything in a single folder

Q.84 Who founded the Prarthana Samaj?

- Ans**
- ☐ 1. Gopal Hari Deshmukh
 - ☐ 2. Narayan Mahadev Permanand
 - ☒ 3. Atmaram Pandurang
 - ☐ 4. Vishnushastri Pandit

Q.85 The number of diagonals in a regular octagon is:

- Ans**
- ☐ 1. 19
 - ☐ 2. 24
 - ☐ 3. 21
 - ☒ 4. 20

Q.86 Which organisation warned that the global economic growth could slow to 2.3% in 2025 due to trade tensions?

- Ans**
- ☐ 1. IMF
 - ☒ 2. UNCTAD
 - ☐ 3. World Bank
 - ☐ 4. OECD

Q.87 Which of the following acts reduced the number of directors of East India Company?

- Ans**
- ☐ 1. Charter Act of 1813
 - ☐ 2. Charter Act of 1833
 - ☐ 3. Charter Act of 1793
 - ☒ 4. Charter Act of 1853

Q.88 What happens if you delete a file from a USB flash drive in Windows OS?

- Ans**
- ☐ 1. It is compressed to save space.
 - ☐ 2. It goes to the Recycle Bin.
 - ☒ 3. It is permanently deleted immediately.
 - ☐ 4. It becomes a hidden file.

Q.89 The cost of 4 pens and 3 notebooks is ₹277. The cost of 16 notebooks exceeds the cost of 12 pens by ₹144. What is the cost of 19 pens and 15 notebooks?

- Ans**
- ☒ 1. ₹1,345
 - ☐ 2. ₹1,342
 - ☐ 3. ₹1,348
 - ☐ 4. ₹1,347

Q.90 Which keyboard shortcut opens the Windows 11 OS Settings menu to change system settings?

- Ans**
- ☒ 1. Windows Key +I
 - ☐ 2. Ctrl + Shift + Esc
 - ☐ 3. Alt + Tab
 - ☐ 4. Windows Key +S

Q.91 The shorter side of a rectangle is 15 cm less than the longer side. The numerical value of its area is equal to 5 times the numerical value of its perimeter. What is the length (in cm) of its longer side?

- Ans**
- ☐ 1. 34
 - ☒ 2. 30
 - ☐ 3. 27
 - ☐ 4. 38

Q.92 According to the Economic Survey 2022-23 (data of 2021), what percentage of India's population resides in rural areas?

- Ans**
- ☐ 1. 65%
 - ☐ 2. 70%
 - ☒ 3. 60%
 - ☐ 4. 55%

Q.93 The ratio of 76 hours to 7 days is:

- Ans**
- ☐ 1. 22 : 43
 - ☒ 2. 19 : 42
 - ☐ 3. 21 : 48
 - ☐ 4. 76 : 7

Q.94 A water tank can be filled in 40 minutes by using 43 pipes of the same capacity. In how many minutes (rounded off to two decimal places) will the water tank be filled if we use 9 pipes of the same capacity as above?

- Ans**
- ☐ 1. 189.13
 - ☒ 2. 191.11
 - ☐ 3. 200.02
 - ☐ 4. 196.95

Q.95 On simple interest, a certain sum of money amounts to ₹1,300 in 2 years and to ₹2,100 in 4 years. Find the rate of interest per annum.

- Ans**
- ☒ 1. 80%
 - ☐ 2. 75%
 - ☐ 3. 90%
 - ☐ 4. 85%

- Q.96** A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Numb er/sy mbol	6	%	8	5	\$	&	3	@	#	7	+	4	9	6
Code	S	E	A	J	L	F	W	Q	D	P	R	B	U	T

Conditions:

If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.

If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.

If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?

@ 4 8 5

- Ans**
- ☐ 1. QBAJ
 - ☐ 2. QBBJ
 - ☐ 3. QAAJ
 - ☒ 4. JBAQ

- Q.97** In a certain code language, 'ROPE' is coded as '5391' and 'OILY' is coded as '2458'. What is the code for 'O' in the given code language?

- Ans**
- ☐ 1. 2
 - ☐ 2. 8
 - ☐ 3. 3
 - ☒ 4. 5

- Q.98** A tower stands vertically on the ground. From a point on the ground which is 27.6 m away from the foot of the tower, the angle of elevation of the top of the tower is found to be 45°. Find the height of the tower.

- Ans**
- ☐ 1. 26.6 m
 - ☒ 2. 27.6 m
 - ☐ 3. 28.6 m
 - ☐ 4. 29.6 m

- Q.99** Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
 (NOTE: All numbers are single digit numbers only.)

(Left) # © 2 @ @ * 1 1 \$ & € 1 £ 2 # 3 1 7 7 6 3 € (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?

- Ans**
- ☐ 1. 3
 - ☐ 2. 1
 - ☐ 3. 4
 - ☒ 4. 2

Q.100 After which battle did Ashoka embrace Buddhism?

Ans

- ☐ 1. Battle of Panipat
- ☐ 2. Battle of Taxila
- ☐ 3. Battle of Takshashila
- ☒ 4. Battle of Kalinga



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	ION Digital Zone IDZ Trichy II
Test Date	16/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 Considering the fundamental operations of a computer, what is the immediate effect of pressing the Tab key within a command-line interface (CLI) or terminal?

- Ans**
- ☒ 1. It switches to a different virtual terminal or console.
 - ☒ 2. It attempts to auto-complete the currently typed command or filename.
 - ☐ 3. It executes the currently typed command.
 - ☐ 4. It deletes the last typed character.

Q.2 Anand has ₹1,617 with him. He divided it amongst his sons Anil and Ashok and asked them to invest it at 10% rate of interest per annum, compounded annually. It was seen that Anil and Ashok got same amount after 12 and 13 years, respectively. How much (in ₹) did Anand give to Anil?

- Ans**
- ☒ 1. ₹847
 - ☐ 2. ₹697
 - ☐ 3. ₹770
 - ☐ 4. ₹870

Q.3 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

GB-IE-LN
KF-MI-PR

- Ans**
- ☒ 1. OJ-QM-TV
 - ☐ 2. PJ-QN-TU
 - ☐ 3. PJ-QM-TU
 - ☐ 4. OJ-QM-TU

Q.4 A shop earns ₹500, ₹600, ₹450, ₹550, and ₹400 over five days. What is the average earning per day?

- Ans**
- ☐ 1. ₹460
 - ☐ 2. ₹520
 - ☒ 3. ₹500
 - ☐ 4. ₹480

Q.5 If the manufacturer gains 10%, the wholesaler gains 15%, and the retailer gains 28%, then find the cost of production of a table (in ₹), whose retail price for the customer is ₹75,900. (NOTE: Manufacturer sells to wholesaler, wholesaler sells to retailer and retailer sells to customers.)

- Ans** ☒ 1. 46,875
☐ 2. 51,562.5
☐ 3. 60,000
☐ 4. 53,906.25

Q.6 In a certain code language, 'BEST' is coded as '4568' and 'STAB' is coded as '8965'. What is the code for 'A' in the given code language?

- Ans** ☒ 1. 9
☐ 2. 8
☐ 3. 6
☐ 4. 5

Q.7 Which of the following is the keyboard shortcut to save an MS Excel workbook?

- Ans** ☐ 1. Alt + S
☐ 2. Ctrl + K
☒ 3. Ctrl + S
☐ 4. Tab + S

Q.8 If 2 is added to each odd digit and 3 is subtracted from each even digit in the number 7516438, what will be the difference between the greatest and smallest digits in the new number thus formed?

- Ans** ☒ 1. 8
☐ 2. 6
☐ 3. 4
☐ 4. 2

Q.9 Which organisation collaborated with ISRO in developing the Vikram 3201 and Kalpana 3201 microprocessors?

- Ans** ☐ 1. Indian Institute of Technology (IIT) in Delhi
☐ 2. Semiconductor Laboratory (SCL) in Mohali
☐ 3. National Aerospace Laboratories (NAL) in Bengaluru
☒ 4. Semiconductor Laboratory (SCL) in Chandigarh

Q.10 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: CRX :: ELU : %

- Ans** ☐ 1. # = BIY, % = HNW
☒ 2. # = APW, % = GNV
☐ 3. # = AHW, % = GMY
☐ 4. # = BPU, % = DNY

Q.11 Which Chinese traveler mentions a Maitraka ruler named Shiladitya?

- Ans** ☐ 1. I-Tsing
☐ 2. Fa-Hien
☒ 3. Hiuen Tsang
☐ 4. Faxian

Q.12 Why is a voltmeter connected in parallel in a circuit?

- Ans**
- ☒ 1. To reduce the voltage drop
 - ☒ 2. To measure the difference in potential between two points
 - ☒ 3. To allow maximum current through it
 - ☒ 4. To measure the total resistance

Q.13 Which of the following numbers is divisible by 47?

- Ans**
- ☒ 1. 4416
 - ☒ 2. 3816
 - ☒ 3. 3674
 - ☒ 4. 3995

Q.14 What will come in the place of the question mark '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$43 \div 9 - 988 \times 2 + 11 = ?$$

- Ans**
- ☒ 1. 875
 - ☒ 2. 880
 - ☒ 3. 870
 - ☒ 4. 895

Q.15 If the mode of the following data is 160, then what is the value of x?

Class	145-150	150-155	155-160	160-165	165-170
Frequency	10	18	31	x	24

- Ans**
- ☒ 1. 32
 - ☒ 2. 42
 - ☒ 3. 31
 - ☒ 4. 43

Q.16 The Milindapanho is a:

- Ans**
- ☒ 1. political treaty
 - ☒ 2. civil code
 - ☒ 3. Buddhist philosophical text
 - ☒ 4. military manual

Q.17 A train P going at the speed of 58 km/hr completely passes train Q of length 238 m, going in the same direction on parallel tracks, at 27 km/hr, in 7.5 minutes. How much time (in seconds) will P take to cross completely train R of length 123 m, going at 38 km/hr in the opposite direction?

- Ans**
- ☒ 1. 134
 - ☒ 2. 132
 - ☒ 3. 141
 - ☒ 4. 161

Q.18 Which city will host the Web Summit 2025 from 10 to 13 November?

- Ans**
- ☒ 1. Lisbon, Portugal
 - ☒ 2. Rome, Italy
 - ☒ 3. Dublin, Ireland
 - ☒ 4. Barcelona, Spain

Q.19 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: EIC :: QLZ : %

- Ans**
- ✓ 1. # = FHD, % = PMY
 - ✗ 2. # = EDG, % = PNY
 - ✗ 3. # = ERB, % = RNW
 - ✗ 4. # = DJF, % = UPV

Q.20 Reduce the equation $x^4 - 13x^2 + 36 = 0$ into a quadratic equation and find the roots of the reduced quadratic equation.

- Ans**
- ✗ 1. 18, 2
 - ✓ 2. 9, 4
 - ✗ 3. 12, 3
 - ✗ 4. 6, 6

Q.21 Which Constitutional provision directs the State to ensure that justice is not denied to any citizen due to economic or other disabilities?

- Ans**
- ✗ 1. Article 14
 - ✗ 2. Article 32
 - ✓ 3. Article 39A
 - ✗ 4. Article 21

Q.22 According to the Ministry of Tribal Affairs, how many Scheduled Tribes are notified under Article 342 of the Constitution of India as of December 2022?

- Ans**
- ✗ 1. Over 430
 - ✗ 2. Over 630
 - ✓ 3. Over 730
 - ✗ 4. Over 530

Q.23 The Shivalik Hills, forming the outermost part of the Himalayan ranges, extend across which Indian states?

- Ans**
- ✗ 1. Punjab to Sikkim
 - ✗ 2. Bihar to West Bengal
 - ✓ 3. Jammu and Kashmir to Uttarakhand
 - ✗ 4. Arunachal Pradesh to Manipur

Q.24 Evaluate: $37 - [37 - \{37 - (37 - 37 \times 2)\}]$

- Ans**
- ✗ 1. 90
 - ✓ 2. 74
 - ✗ 3. 65
 - ✗ 4. 70

Q.25 On the MS PowerPoint 2019 home screen, which option or section should you click to start a new blank presentation when the 'Start Screen' is enabled?

- Ans**
- ✗ 1. The Open button at the bottom left corner
 - ✓ 2. The tile labeled 'Blank Presentation' on the right panel
 - ✗ 3. The Design tab from the ribbon
 - ✗ 4. The Recent tab in the left sidebar

Q.26 Which of the following best describes the impact of human genome sequencing?

- Ans**
- ☐ 1. It eliminated the need for classical genetics.
 - ☒ 2. It initiated a new scientific domain.
 - ☐ 3. It marked a milestone toward transcriptional regulation.
 - ☐ 4. It clarified all RNA-related functions.

Q.27 The distance between the easternmost and westernmost points of India is approximately:

- Ans**
- ☐ 1. 3500 km
 - ☒ 2. 2933 km
 - ☐ 3. 2500 km
 - ☐ 4. 3214 km

Q.28 Chetan travels from City A to City B. If Chetan drives his car at $\frac{2}{3}$ of
Find the time (in minutes) that Chetan would have taken to travel from



- Ans**
- ☐ 1. 99
 - ☒ 2. 92
 - ☐ 3. 82
 - ☐ 4. 85

Q.29 The caloric theory replaced which older theory of heat and combustion?

- Ans**
- ☐ 1. Entropy theory
 - ☐ 2. Kinetic theory
 - ☒ 3. Phlogiston theory
 - ☐ 4. Thermodynamic theory

Q.30 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. R has the exam on Tuesday. Only two people have exams between U and R. Q has the exam immediately before V but not on Wednesday. S has the exam immediately before T.

How many people have exams between Q and P ?

- Ans**
- ☐ 1. One
 - ☐ 2. Three
 - ☒ 3. Four
 - ☐ 4. Two

Q.31 Which of the following materials has been mainly used for building the Jahangiri Mahal in Agra Fort?

- Ans**
- ☐ 1. Concrete
 - ☐ 2. Ceramic
 - ☐ 3. White marble
 - ☒ 4. Red sandstone

Q.32 Which Article of the Constitution of India provides directives to the state for taking steps to raise the standard of living?

- Ans**
- ☐ 1. Article 49
 - ☒ 2. Article 47
 - ☐ 3. Article 48
 - ☐ 4. Article 50

Q.33 Which airport was named the World's Best Airport in 2025 by Skytrax?

- Ans**
- ☐ 1. Hamad International Airport
 - ☐ 2. Incheon International Airport
 - ☒ 3. Singapore Changi Airport
 - ☐ 4. Tokyo Haneda Airport

Q.34 Which of the following statements about the National Mission on Natural Farming (NMNF), launched in 2024, is/are correct?

NMNF aims to reach 1 crore farmers and cover 7.5 lakh ha.
Model Demonstration Farms will be set up only at Agricultural Universities.
Natural Farming practices aim to reduce dependency on externally purchased inputs.
It is a Central Sector Scheme under the Ministry of Agriculture and Farmers' Welfare.

- Ans**
- ☐ 1. 1, 2, 3 and 4
 - ☒ 2. Only 1 and 3
 - ☐ 3. Only 2 and 3
 - ☐ 4. Only 1

Q.35 The NK Singh Committee, which was formed in 2016, was associated with which of the following?

- Ans**
- ☒ 1. Reviewing the FRBM Act, 2003
 - ☐ 2. Introduction of Monetary Policy Committee
 - ☐ 3. Reviewing the trade deficit in India
 - ☐ 4. Introduction of Standing Deposit Facility

Q.36 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

SM13 QK25 OI37 MG49 ?

- Ans**
- ☐ 1. KE62
 - ☐ 2. KF62
 - ☐ 3. KF61
 - ☒ 4. KE61

Q.37 Which of the following is the new criteria for becoming a small enterprise in the definition of the Ministry of Micro, Small & Medium Enterprises (MSMEs) that was announced in Union Budget 2025-26?

- Ans**
- ☐ 1. Turnover more than ₹100 crore
 - ☐ 2. Turnover more than ₹500 crore
 - ☐ 3. Turnover more than ₹125 crore
 - ☒ 4. Turnover less than ₹100 crore

Q.38 The greatest number that divides 93 and 190 leaving remainders 5 and 3, respectively, is:

- Ans**
- ☐ 1. 14
 - ☒ 2. 11
 - ☐ 3. 17
 - ☐ 4. 21

Q.39 What should come in place of the question mark (?) in the given series?

176 168 159 149 138 ? 113

- Ans
- ☐ 1. 123
 - ☐ 2. 125
 - ☒ 3. 126
 - ☐ 4. 129

Q.40 What was the slogan of the 2024 United Nations Biodiversity Convention (COP16) initially held in 2024?

- Ans
- ☐ 1. Environmental Peace
 - ☒ 2. Peace with Nature
 - ☐ 3. Biodiversity to Peace
 - ☐ 4. From Biodiversity to Nature

Q.41 During the third leg of Navika Sagar Parikrama II, which significant milestone did INSV Tarini achieve in January 2025?

- Ans
- ☐ 1. Completed a full circumnavigation of Antarctica
 - ☐ 2. Crossed the International Date Line
 - ☒ 3. Crossed Point Nemo, the Oceanic Pole of Inaccessibility
 - ☐ 4. Docked at Port Stanley for the first time

Q.42 Which Constitutional Amendment explicitly inserted the term 'Cabinet' into the Indian Constitution in the context of Article 352?

- Ans
- ☐ 1. 43rd Constitutional Amendment Act, 1977
 - ☒ 2. 44th Constitutional Amendment Act, 1978
 - ☐ 3. 45th Constitutional Amendment Act, 1980
 - ☐ 4. 42nd Constitutional Amendment Act, 1976

Q.43 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) 8 & 1 9 5 £ \$ 6 8 \$ # 8 & @ * 5 \$ # * 5 \$ 9 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans
- ☐ 1. 6
 - ☒ 2. 4
 - ☐ 3. 5
 - ☐ 4. 3

Q.44 Keshav gets a 4% increase in his sale amount in the first year and a 20% increase in the second year, and with that his present sale is ₹1,56,000. What was his sale (in ₹) two years ago?

- Ans
- ☒ 1. 1,25,000
 - ☐ 2. 1,30,000
 - ☐ 3. 1,05,000
 - ☐ 4. 1,50,000

Q.45 What will come in the place of the question mark '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$175 \div 5 + 213 \times 3 - 75 = ?$$

- Ans**
- ☐ 1. 869
 - ☐ 2. 889
 - ☐ 3. 898
 - ☒ 4. 879

Q.46 What positive value of X satisfies the equation $\frac{X}{147} = \frac{48}{X}$?

- Ans**
- ☐ 1. 83
 - ☐ 2. 82
 - ☒ 3. 84
 - ☐ 4. 86

Q.47 In April 2025, who was appointed as the new Deputy Governor of the Reserve Bank of India (RBI)?

- Ans**
- ☒ 1. Poonam Gupta
 - ☐ 2. Raghuram Rajan
 - ☐ 3. Michael Patra
 - ☐ 4. Urjit Patel

Q.48 A shopkeeper marked his goods at X% above their cost price and sold them at a discount of 60%. If he gained 84% profit, then find the value of X.

- Ans**
- ☐ 1. 362
 - ☒ 2. 360
 - ☐ 3. 361
 - ☐ 4. 359

Q.49 In a certain code language, 'MANY' is coded as '5391' and 'ARCS' is coded as '2458'. What is the code for 'A' in the given code language?

- Ans**
- ☐ 1. 8
 - ☐ 2. 3
 - ☐ 3. 2
 - ☒ 4. 5

Q.50 Which of the following is an example of a mixed cell reference in MS Excel?

- Ans**
- ☒ 1. \$A1
 - ☐ 2. \$A\$1
 - ☐ 3. A1
 - ☐ 4. =SUM(A1:A5)

Q.51 Barun starts from Point A and drives 8 km towards West. He then takes a left turn, drives 9 km, turns left and drives 12 km. He then takes a left turn and drives 13 km. He takes a final left turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only, unless specified.)

- Ans**
- ☐ 1. 2 km to the south
 - ☐ 2. 5 km to the south
 - ☒ 3. 4 km to the south
 - ☐ 4. 3 km to the south

Q.52 In which year did the Government of India introduce Securities Transaction Tax (STT) to reduce the complexities involved in the taxation of securities transactions, promote fair trading, and prevent market manipulation?

- Ans**
- ☐ 1. 2000
 - ☐ 2. 2015
 - ☒ 3. 2004
 - ☐ 4. 2010

Q.53 What was the breakdown of India's medals in the Special Olympics World Winter Games 2025?

- Ans**
- ☐ 1. 15 gold, 10 silver, 8 bronze
 - ☐ 2. 12 gold, 10 silver, 11 bronze
 - ☒ 3. 8 gold, 18 silver, 7 bronze
 - ☐ 4. 10 gold, 15 silver, 8 bronze

Q.54 The cost of 3 pens and 12 notebooks is ₹195. The cost of 7 notebooks exceeds the cost of 4 pens by ₹39. What is the cost of 12 pens and 6 notebooks?

- Ans**
- ☐ 1. ₹236
 - ☐ 2. ₹237
 - ☒ 3. ₹234
 - ☐ 4. ₹229

Q.55 On simple interest, a certain sum of money amounts to ₹1,750 in 2 years and to ₹3,000 in 4 years. Find the rate of interest per annum.

- Ans**
- ☐ 1. 127%
 - ☐ 2. 124%
 - ☒ 3. 125%
 - ☐ 4. 126%

Q.56 Kanav starts from point A and drives 11 km towards the east. He then takes a left turn, drives 7 km, turns left and drives 13 km. He then takes a left turn and drives 12 km. He takes a final left turn, drives 2 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90-degree turns only unless specified.)

- Ans**
- ☒ 1. 5 km to the north
 - ☐ 2. 4 km to the north
 - ☐ 3. 4 km to the south
 - ☐ 4. 5 km to the south

Q.57 What type of vegetation is predominantly found in the Thar Desert?

- Ans**
- ☐ 1. Alpine meadows
 - ☒ 2. Low herbs and shrubs
 - ☐ 3. Evergreen forests
 - ☐ 4. Mangroves

Q.58 If the polynomial $ax^3 + 4x^2 + 3x - 4$ and $x^3 - 7x + a$ leaves the divided by $(x - 2)$, then find the value of a .

- Ans
- ☒ 1. $\frac{-36}{5}$
 - ☒ 2. $\frac{-24}{7}$
 - ☒ 3. $\frac{-21}{8}$
 - ☒ 4. $\frac{-17}{5}$

Q.59 Three numbers are in the ratio $\frac{4}{14} : \frac{7}{14} : \frac{16}{15}$. The difference between Find the largest number.

- Ans
- ☒ 1. 58
 - ☒ 2. 55
 - ☒ 3. 54
 - ☒ 4. 56

Q.60 Which of the following is a 'Tata Vadya'?

- Ans
- ☒ 1. Veena
 - ☒ 2. Manjira
 - ☒ 3. Dhol
 - ☒ 4. Bansuri

Q.61 Which of the following communities was NOT included for fast-track citizenship under Citizenship Amendment Act (CAA) of 2019?

- Ans
- ☒ 1. Hindu
 - ☒ 2. Sikh
 - ☒ 3. Muslims
 - ☒ 4. Christian

Q.62 Seven boxes, A, B, C, D, E, F and G, are kept one above the other but not necessarily in the same order. Only C is kept above B. Only two boxes are kept between B and F. Only E is kept below A. G is not kept immediately above F. How many boxes are kept above G?

- Ans
- ☒ 1. 4
 - ☒ 2. 1
 - ☒ 3. 2
 - ☒ 4. 3

Q.63 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: MRN :: HMI : %

- Ans
- ☒ 1. # = JIQ, % = FDJ
 - ☒ 2. # = LPR, % = JHG
 - ☒ 3. # = PUQ, % = EJF
 - ☒ 4. # = KLJ, % = KHI

Q.64 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged, and 'x' and '÷' are interchanged?

$$34 + 43 - 17 \div 121 \times 11 = ?$$

- Ans**
- ☐ 1. 181
 - ☒ 2. 178
 - ☐ 3. 156
 - ☐ 4. 164

Q.65 What is the median of the following data?

61, 55, 18, 49, 52, 80, 60, 33, 54, 56, 28

- Ans**
- ☐ 1. 53.5
 - ☐ 2. 54.5
 - ☒ 3. 54
 - ☐ 4. 55

Q.66 Who among the following received the Padma Bhushan posthumously in 2025 for his contribution to music?

- Ans**
- ☐ 1. Sharda Sinha
 - ☐ 2. Anant Nag
 - ☒ 3. Pankaj Udhas
 - ☐ 4. Lakshminarayana Subramaniam

Q.67 F is the husband of G. G is the mother of H. H is the wife of I. I is the father of J. How is F related to J?

- Ans**
- ☐ 1. Mother's brother
 - ☐ 2. Father's brother
 - ☒ 3. Mother's father
 - ☐ 4. Father's father

Q.68 Two numbers are respectively 47% and 25% more than a third number. The ratio of the two numbers is:

- Ans**
- ☐ 1. 149 : 124
 - ☐ 2. 155 : 132
 - ☒ 3. 147 : 125
 - ☐ 4. 161 : 137

Q.69 For a regular polygon, the sum of the interior angles is 300% more than the sum of its exterior angles. Each interior angle of the polygon measures x° . What is the value of x ?

- Ans**
- ☐ 1. 134
 - ☐ 2. 140
 - ☐ 3. 156
 - ☒ 4. 144

Q.70 A person saves 20% of his income. If his expenditure is ₹960, then his income (in ₹) is:

- Ans**
- ☐ 1. 192
 - ☐ 2. 768
 - ☐ 3. 1,240
 - ☒ 4. 1,200

Q.71 Which of the following tribal uprising leaders was/were NOT executed during the revolt but deported to another country?

- Ans**
- ☐ 1. Nilamber and Pitamber
 - ☐ 2. Sidhu and Kanhu Murmu
 - ☒ 3. Tirot Singh
 - ☐ 4. Tilka Manjhi

Q.72 A vendor sells oranges at ₹29 each and incurs a loss of 75%. If he wants to make a profit of 75%, at what price (in ₹) should he sell each orange?

- Ans**
- ☐ 1. 205
 - ☒ 2. 203
 - ☐ 3. 201
 - ☐ 4. 206

Q.73 Amit bought 51 books at ₹1,120 per book from one shop and 49 books at ₹900 per book from another. What is the average price (in ₹) he paid per book?

- Ans**
- ☒ 1. 1,012.2
 - ☐ 2. 1,022.2
 - ☐ 3. 1,002.2
 - ☐ 4. 1,027.2

Q.74 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☒ 1. OR – TN
 - ☐ 2. BE – GZ
 - ☐ 3. JM – OH
 - ☐ 4. SV – XQ

Q.75 Find the value of $\frac{\sqrt{0.018496}}{\sqrt{0.001156}}$

- Ans**
- ☐ 1. 18
 - ☐ 2. 12
 - ☒ 3. 4
 - ☐ 4. 19

Q.76 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All lions are tigers.

Some tigers are leopard.

No leopard is giraffe.

Conclusions:

(I) Some leopards are lions.

(II) Some giraffe can be tigers.

- Ans**
- ☐ 1. Either conclusion (I) or conclusion (II) follows
 - ☒ 2. Only conclusion (II) follows
 - ☐ 3. Both conclusions (I) and (II) follow
 - ☐ 4. Only conclusion (I) follows

Q.77 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

13 - 26 - 30 - 60; 5 - 10 - 14 - 28

- Ans**
- ☐ 1. 3 - 6 - 10 - 30
 - ☐ 2. 7 - 14 - 18 - 22
 - ☒ 3. 10 - 20 - 24 - 48
 - ☐ 4. 2 - 4 - 8 - 12

Q.78 The Draft Greenhouse Gases Emissions Intensity (GEI) Target Rules, 2025, was notified by which Ministry of India in April 2025?

- Ans**
- ☐ 1. Ministry of Chemicals and Fertilizers
 - ☐ 2. Ministry of Health and Family Welfare
 - ☒ 3. Ministry of Environment, Forest and Climate Change
 - ☐ 4. Ministry of Agriculture & Farmers' Welfare

Q.79 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

YOD WNF UMH SLJ ?

- Ans**
- ☐ 1. QKK
 - ☐ 2. QLL
 - ☒ 3. QKL
 - ☐ 4. QLK

Q.80 Seven friends, F, G, H, I, O, P and Q, are sitting in a row facing north. Only two people sit between I and G. Only H sits to the right of F. Only one person sits between G and F. O sits at some place to the right of P but at some place to the left of Q. Who sits third from the right end of the line?

- Ans**
- ☐ 1. G
 - ☐ 2. F
 - ☒ 3. Q
 - ☐ 4. H

Q.81 What was the main issue debated during the 1905 Banaras Session of the INC, right after the announcement of Bengal's partition?

- Ans**
- ☐ 1. Demand for Swaraj
 - ☒ 2. Use of Swadeshi and Boycott
 - ☐ 3. Formation of All India Muslim League
 - ☐ 4. Immediate resignation of British administrators in Bengal

Q.82 Which of the following actions is performed when the Ctrl + V shortcut is used in most computer applications?

- Ans**
- ☐ 1. Opens the new file creation dialog box
 - ☒ 2. Paste the copied or cut content
 - ☐ 3. Saves the current document
 - ☐ 4. Opens the Find dialog box

Q.83 This question is based on the five, three-digit numbers given below.

(Left) 657 435 578 659 619 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the third digit of the lowest number?

- Ans**
- ☒ 1. 10
 - ☐ 2. 11
 - ☐ 3. 13
 - ☐ 4. 9

Q.84 This question is based on the five, three-digit numbers given below.

(Left) 190 735 494 761 781 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is subtracted from the second digit of the lowest number?

- Ans**
- ☐ 1. 2
 - ☐ 2. 4
 - ☐ 3. 0
 - ☒ 4. 1

Q.85 In a circle of radius 10.5 cm, if the angle of a sector is $\frac{2\pi}{3}$, then the perimeter of the sector is (in cm):

(Take $\pi = \frac{22}{7}$)

- Ans**
- ☐ 1. 41
 - ☐ 2. 44
 - ☐ 3. 40
 - ☒ 4. 43

Q.86 How does the parliamentary system ensure a “responsible government”?

- Ans**
- ☒ 1. By making the council of ministers collectively accountable to the Parliament
 - ☐ 2. By permitting the military to oversee governance
 - ☐ 3. By giving the judiciary the power to review executive decisions
 - ☐ 4. By allowing the President to dismiss the Prime Minister at any time

Q.87 ‘Tuhfat-ul-Muwahhidin’ was written by:

- Ans**
- ☐ 1. Akshay Kumar Dutt
 - ☐ 2. Sayyid Ahmed Khan
 - ☒ 3. Rammohan Roy
 - ☐ 4. Keshub Chandra Sen

Q.88 A cylindrical rod has an curved surface area of $4,900 \text{ cm}^2$. If the length of the rod is 97 cm, then the radius (in cm) of the rod, correct to two places of decimal, is:

Take $\pi = \frac{22}{7}$

- Ans**
- ☐ 1. 8.55
 - ☐ 2. 6.97
 - ☒ 3. 8.04
 - ☐ 4. 7.95

Q.89 In a certain code language, 'FAIR' is coded as '9357' and 'ROSE' is coded as '8632'. What is the code for R' in the given code language?

- Ans**
- ☒ 1. 3
 - ☐ 2. 8
 - ☐ 3. 7
 - ☐ 4. 2

Q.90 Find the circumference (in m) of the largest circle that can be inscribed in a rectangle whose dimensions are given as 114 m and 63 m.

Take $\pi = \frac{22}{7}$

- Ans**
- ☒ 1. 198
 - ☐ 2. 199
 - ☐ 3. 202
 - ☐ 4. 201

Q.91 The Eastern Peripheral Expressway is built to decongest traffic in ____.

- Ans**
- ☐ 1. Bengaluru
 - ☐ 2. Mumbai
 - ☒ 3. Delhi
 - ☐ 4. Chennai

Q.92 Two taps can fill a cistern in 2 hours and 64 hours, respectively. A third tap can empty it in 2 hours. How long (in hours) will it take to fill half of the empty cistern, if all of them are opened together?

- Ans**
- ☒ 1. 32
 - ☐ 2. 128
 - ☐ 3. 96
 - ☐ 4. 64

Q.93 The Digital India initiative, launched in 2015, marked a significant step in India's post-reform development trajectory. Which of the following is NOT a pillar of the Digital India initiative?

- Ans**
- ☒ 1. Privatisation of Internet Services
 - ☐ 2. Digital Empowerment of Citizens
 - ☐ 3. Governance and Services on Demand
 - ☐ 4. Digital Infrastructure as a Utility to Every Citizen

Q.94 Nirbhay can complete a piece of work alone in 19 days and Vismay can complete the same piece of work alone in 6 days. They started the work together, but Nirbhay had to leave 4 days before the completion of the work. In how many days will the work get completed?

Ans

☐ 1. $5\frac{24}{25}$ days

☐ 2. $5\frac{6}{25}$ days

☒ 3. $5\frac{13}{25}$ days

☐ 4. $5\frac{8}{25}$ days

Q.95 The angle of elevation of a ladder leaning against a wall is 60° and the length of the ladder is:



Ans

☒ 1. 9 m

☐ 2. $4\sqrt{2}$ m

☐ 3. $3\sqrt{2}$ m

☐ 4. 8 m

Q.96 Karuna, Jyoti, Shiv, Ram, Puran, Om and Luv are sitting around a circular table, facing the centre. Shiv sits third to the left of Luv. Karuna sits second to the left of Shiv. Jyoti sits third to the right of Puran. Ram sits second to the right of Jyoti. Ram is not an immediate neighbour of Shiv. Who sits to the immediate left of Ram?

Ans

☐ 1. Puran

☐ 2. Karuna

☒ 3. Luv

☐ 4. Om

Q.97 Sewa Singh Thikriwala was commemorated on his death anniversary on 20th January 2025. Which movement was he primarily associated with?

Ans

☐ 1. Goa's Liberation Movement

☐ 2. White Revolution

☒ 3. Praja Mandal Movement

☐ 4. Green Revolution

Q.98 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans

☒ 1. ROIH

☐ 2. TQLJ

☐ 3. JGBZ

☐ 4. BYTR

Q.99 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. V has an exam on Thursday. Exactly 4 people have their exams between U and Q, neither of whom has an exam on Sunday. T has an exam immediately before S. R does not have an exam on Friday. U does not have an exam after S. How many people have exams after Q?

Ans ☒ 1. 1

☐ 2. 4

☐ 3. 2

☐ 4. 3

Q.100 What should come in place of the question mark (?) in the given series?

862 860 856 850 842 ?

Ans ☐ 1. 833

☐ 2. 830

☐ 3. 831

☒ 4. 832



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	iON Digital Zone iDZ Gajularega
Test Date	17/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

HKN : LOR

DJO : HNS

- Ans
- ☒ 1. ATB : CVE
 - ☒ 2. AFM : EJQ
 - ☒ 3. WXC : YGP
 - ☒ 4. GJM : IKO

Q.2 If 2 is added to each odd digit and 2 is subtracted from each even digit in the number 6127385, then which of the following digits will be third from the right?

- Ans
- ☒ 1. 5
 - ☒ 2. 7
 - ☒ 3. 6
 - ☒ 4. 4

Q.3 A truck travels 80 km at the speed of 40 km/hr and the next 44 km at the speed of 9 km/hr. What is its average speed (in km/hr)?

- Ans
- ☒ 1. 22
 - ☒ 2. 12
 - ☒ 3. 18
 - ☒ 4. 24

Q.4 If the equations $x^2 + 3x + 2 = 0$ and $ax^2 + bx + c = 0$ have both roots in

- Ans
- ☒ 1. $4a - 2b + c = 0$
 - ☒ 2. $4a = 2c + 2b$
 - ☒ 3. $a - b + c = 0$
 - ☒ 4. $a + c = b$

Q.5 What should come in place of the question mark (?) in the given series?

86 97 73 82 60 67 47 52 ?

- Ans**
- ☐ 1. 37
 - ☒ 2. 34
 - ☐ 3. 32
 - ☐ 4. 40

Q.6 The Ramoshis who worked for 'Ramoshi Uprising' were night guards protecting the forts of which community?

- Ans**
- ☐ 1. Rajputs
 - ☐ 2. Mughals
 - ☐ 3. Sikhs
 - ☒ 4. Marathas

Q.7 A man spends 74% of his monthly salary on house rent. If every month, he also spends ₹385 on conveyance and ₹2,725 on grocery and saves the remaining ₹621, his monthly salary is:

- Ans**
- ☒ 1. ₹14,350
 - ☐ 2. ₹14,373
 - ☐ 3. ₹14,389
 - ☐ 4. ₹14,287

Q.8 If you want your audience to NOT see your notes in the MS PowerPoint 365 slides, which view should you use during slide show?

- Ans**
- ☒ 1. Presenter View
 - ☐ 2. Outline View
 - ☐ 3. Slide Show View
 - ☐ 4. Reading View

Q.9 Three numbers are in the ratio 5 : 4 : 3, and their LCM is 4980. Their HCF is:

- Ans**
- ☐ 1. 125
 - ☐ 2. 101
 - ☐ 3. 132
 - ☒ 4. 83

Q.10 Which of the following Sri Lankan cities did PM Modi visit in April 2025 to pay tribute at a sacred temple?

- Ans**
- ☐ 1. Galle
 - ☒ 2. Anuradhapura
 - ☐ 3. Kandy
 - ☐ 4. Colombo

Q.11 The sum of five numbers is 655. The average of the first two numbers is 77 and the third number is 102. Find the average of the remaining two numbers.

- Ans**
- ☐ 1. 179
 - ☐ 2. 200.5
 - ☐ 3. 180
 - ☒ 4. 199.5

Q.12 Which of the following brings winter rainfall to northern plains of India?

- Ans**
- ☐ 1. Bay of Bengal cyclones
 - ☒ 2. Western disturbances
 - ☐ 3. Norwesters
 - ☐ 4. Easterlies

Q.13 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. BZ – JD
 - ☐ 2. XV – FZ
 - ☒ 3. YX – GA
 - ☐ 4. HF – PJ

Q.14 A vertical stick 14 m long, casts a shadow 5 m long on the ground. At the same time, a tower casts a shadow of 44.5 m long on the ground. The height of the tower is

_____.

- Ans**
- ☐ 1. 130.3 m
 - ☐ 2. 122.2 m
 - ☐ 3. 128.8 m
 - ☒ 4. 124.6 m

Q.15 Jitesh sold an article at a loss of 11%. If he had bought the item at 5% less and had sold it for ₹739 more, then he would have gained 20%. Find the cost price (in ₹) of the article.

- Ans**
- ☐ 1. 2,619
 - ☒ 2. 2,956
 - ☐ 3. 3,361
 - ☐ 4. 3,204

Q.16 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: DFJ :: LNR : %

- Ans**
- ☐ 1. # = BCG , % = OQU
 - ☐ 2. # = ACG , % = MQU
 - ☒ 3. # = ACG , % = OQU
 - ☐ 4. # = ACG , % = OQP

Q.17 A right triangle with sides 60 cm, 45 cm and 75 cm is rotated about the side of 60 cm to form a cone. The curved surface area (in cm^2) of the cone so formed is:

- Ans**
- ☐ 1. 3125π
 - ☐ 2. 4505π
 - ☐ 3. 4500π
 - ☒ 4. 3375π

Q.18 A student spends ₹300, ₹250, ₹350, ₹200, and ₹400 on groceries over five weeks. What is the average amount spent per week?

- Ans**
- ☐ 1. ₹320
 - ☐ 2. ₹340
 - ☐ 3. ₹280
 - ☒ 4. ₹300

Q.19 Three numbers are in the ratio $\frac{5}{20} : \frac{8}{16} : \frac{8}{14}$. The difference between

Find the largest number.



- Ans
- ☐ 1. 98
 - ☒ 2. 96
 - ☐ 3. 94
 - ☐ 4. 97

Q.20 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(37, 48, 59)

(41, 52, 63)

- Ans
- ☐ 1. (47, 58, 70)
 - ☐ 2. (32, 43, 64)
 - ☒ 3. (56, 67, 78)
 - ☐ 4. (24, 35, 44)

Q.21 Which authority regulates civil aviation infrastructure in India?

- Ans
- ☒ 1. Directorate General of Civil Aviation
 - ☐ 2. Airport Authority of India
 - ☐ 3. Indian Civil Aviation Forum
 - ☐ 4. Ministry of Road Transport and Highways

Q.22 The value of 691×709 is:

- Ans
- ☐ 1. 492154
 - ☒ 2. 489919
 - ☐ 3. 496860
 - ☐ 4. 480863

Q.23 A person saves 40% of his income. If his expenditure is ₹360, then his income (in ₹) is:

- Ans
- ☐ 1. 144
 - ☐ 2. 216
 - ☐ 3. 640
 - ☒ 4. 600

Q.24 According to the National Family Health Survey (NFHS-5), what percentage of children under five years are underweight?

- Ans
- ☐ 1. 28.5%
 - ☐ 2. 26.7%
 - ☐ 3. 19.3%
 - ☒ 4. 32.1%

Q.25 In early 2025, India anticipated finalising a defense export deal worth over \$200 million with the Philippines for which missile system?

- Ans**
- ✓ 1. Akash Surface-to-Air Missile
 - ✗ 2. Prithvi Ballistic Missile
 - ✗ 3. Nag Anti-Tank Guided Missile
 - ✗ 4. BrahMos Supersonic Cruise Missile

Q.26 If 38% of a number is equal to $\frac{5}{9}$ th of another number, what is the ra



- Ans**
- ✗ 1. 251 : 174
 - ✗ 2. 247 : 175
 - ✓ 3. 250 : 171
 - ✗ 4. 246 : 169

Q.27 Which of the following numbers is divisible by 16?

- Ans**
- ✗ 1. 1702
 - ✗ 2. 1382
 - ✗ 3. 1165
 - ✓ 4. 1584

Q.28 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) @ \$ 6 # % 1 4 £ * 1 £ © 7 # 4 8 3 % % 2 \$ £ (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?

- Ans**
- ✓ 1. 1
 - ✗ 2. 2
 - ✗ 3. 3
 - ✗ 4. 0

Q.29 In January 2025, the Indian Army Day was celebrated to mark which significant event?

- Ans**
- ✓ 1. First Indian Commander-in-Chief of the Army
 - ✗ 2. First Republic Day Parade
 - ✗ 3. Establishment of Army Headquarters
 - ✗ 4. Launch of Operation Vijay

Q.30 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) © 9 6 £ 9 & € 8 4 4 2 @ © £ # 4 * 7 © 7 9 6 (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

- Ans**
- ✗ 1. 5
 - ✗ 2. 2
 - ✓ 3. 3
 - ✗ 4. 4

Q.31 What is the median of the following distribution?

Class	110-160	160-210	210-260	260-310	310-360
Frequency	16	15	31	24	38

Ans ✓ 1. 260

✗ 2. 245

✗ 3. 278

✗ 4. 262

Q.32 Who, writing under the pen name Ambai, is a well-known feminist writer and the author of the Tamil novel Andhi Malai?

Ans ✗ 1. Nalapat Balamani Amma

✗ 2. Daya Pawar

✗ 3. Akka Mahadevi

✓ 4. CS Lakshmi

Q.33 Who among the following led the Vidarbha team to victory in the Ranji Trophy 2024-25?

Ans ✗ 1. Atharva Taide

✓ 2. Akshay Wadkar

✗ 3. Shrikant Wagh

✗ 4. Faiz Fazal

Q.34 The ratio of the lengths of two corresponding sides of two similar triangles is 9 : 1. The ratio of the areas of these two triangles, in the order mentioned, is:

Ans ✗ 1. $9\sqrt{9} : 1$

✗ 2. 82 : 2

✓ 3. 81 : 1

✗ 4. 9 : 1

Q.35 At what rate of interest per annum will a sum of ₹1,000 amount to ₹1,728 in 1 year and 6 months, if the interest is compounded half-yearly?

Ans ✗ 1. 52%

✓ 2. 40%

✗ 3. 42%

✗ 4. 22%

Q.36 A sum when invested at the rate of 12% simple interest per annum, amounts to ₹8,500 after 3 years. The simple interest (in ₹) for the given time period is:

Ans ✓ 1. 2,250

✗ 2. 2,450

✗ 3. 2,150

✗ 4. 2,350

Q.37 What is the Technology & Innovation Sub-Mission (TISM), launched in 2024 as a part of PMAY-U 2.0, related to?

Ans ✗ 1. It is meant to promote skill certification and labour reforms in the real estate sector through training schemes.

✗ 2. It is introduced to provide housing loans to first-time homebuyers with dynamic interest rates based on income levels.

✓ 3. It is focused on promoting green building techniques and energy-efficient housing designs across geo-climatic regions.

✗ 4. It is intended to facilitate digitisation of urban housing records and streamline approval processes for construction permits.

Q.38 K, M, L, N, O and V live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. Only one person lives below K. Only three people live between L and K. N lives on a floor below K. O lives on an even-numbered floor. M lives on an odd-numbered floor but not on floor number 5. How many people live between V and K?

- Ans**
- ☐ 1. Three
 - ☒ 2. Two
 - ☐ 3. Four
 - ☐ 4. One

Q.39 Which Greek ambassador visited the court of Chandragupta Maurya?

- Ans**
- ☐ 1. Strabo
 - ☒ 2. Megasthenes
 - ☐ 3. Ptolemy
 - ☐ 4. Pliny

Q.40 In a certain code language, 'GIFT' is coded as '4268' and 'TURN' is coded as '3527'. What is the code for 'T' in the given code language?

- Ans**
- ☐ 1. 3
 - ☒ 2. 2
 - ☐ 3. 6
 - ☐ 4. 7

Q.41 If '+' means 'subtraction', '-' means 'multiplication', 'x' means 'division' and '÷' means 'addition', then what will come in place of the question mark (?) in the following equation?

$$171 \div 95 \times 5 - 4 + 33 = ?$$

- Ans**
- ☒ 1. 214
 - ☐ 2. 209
 - ☐ 3. 226
 - ☐ 4. 204

Q.42 Deficiency of which vitamin in the diet is most commonly linked to poor vision in dim light (night blindness)?

- Ans**
- ☐ 1. Vitamin D
 - ☒ 2. Vitamin A
 - ☐ 3. Vitamin B12
 - ☐ 4. Vitamin C

Q.43 According to the IMF's January 2025 World Economic Outlook Update, what is the projected global growth rate for 2025?

- Ans**
- ☐ 1. 4.0%
 - ☐ 2. 3.7%
 - ☐ 3. 4.8%
 - ☒ 4. 3.3%

Q.44 In March 2025, the Union Home Minister inaugurated the Lachit Barphukan Police Academy in Assam to honour his legacy. Who was Lachit Barphukan?

- Ans**
- ☐ 1. A British-era police officer
 - ☒ 2. A commander of the Ahom kingdom
 - ☐ 3. A military commander of the Mughals
 - ☐ 4. A poet from Assam

Q.45 The radius of the base and the slant height of a right circular cone are 7 cm and 25 cm, respectively. Find the volume (in cm^3) of the given cone.

(Use $\pi = \frac{22}{7}$)

- Ans**
- ☐ 1. 982
 - ☐ 2. 1352
 - ☒ 3. 1232
 - ☐ 4. 1062

Q.46 When was the Lokpal and Lokayukta Act came into force in India?

- Ans**
- ☐ 1. 17 December 2013
 - ☐ 2. 16 January 2011
 - ☒ 3. 16 January 2014
 - ☐ 4. 16 January 2013

Q.47 Which characteristic of the CPU determines how many instructions it can process per second?

- Ans**
- ☐ 1. Power consumption
 - ☐ 2. Number of registers
 - ☒ 3. Clock speed
 - ☐ 4. Cache size

Q.48 A retailer allows a 22% discount on the marked price. What should be the marked price (in ₹) of an item whose cost price is ₹780, in order to make a profit of 26%?

- Ans**
- ☐ 1. 1,261
 - ☒ 2. 1,260
 - ☐ 3. 1,258
 - ☐ 4. 1,257

Q.49 Which group of islands lies between $8^\circ - 12^\circ 13''$ North latitude and $71^\circ - 74^\circ$ East longitude?

- Ans**
- ☒ 1. Lakshadweep
 - ☐ 2. Rameswaram
 - ☐ 3. Nicobar
 - ☐ 4. Andaman

Q.50 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Numb er/sy mbol	9	7	8	6	\$	&	3	@	#	%	+	4	9	5
Code	R	F	A	L	K	C	W	Q	D	P	R	D	U	V

Conditions:

If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.

If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.

If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?

9 7 8 6

- Ans**
- ✓ 1. ©FA©
 - ✗ 2. RFAL
 - ✗ 3. LFAR
 - ✗ 4. RFFL

Q.51 As per World Bank's State of Social Protection Report 2025, during the COVID-19 pandemic, emergency social protection responses reached how many people in developing countries?

- Ans**
- ✗ 1. 3.2 billion
 - ✗ 2. 4.7 billion
 - ✓ 3. 1.7 billion
 - ✗ 4. 2.7 billion

Q.52 Which of the following lakes in Rajasthan is artificial?

- Ans**
- ✗ 1. Ramgarh
 - ✗ 2. Sambhar
 - ✗ 3. Pushkar
 - ✓ 4. Ana Sagar

Q.53 A boat takes 76 minutes to go 32.2 km upstream. The ratio of the speed of the boat in still water to that of the stream is 9 : 8. How much approximate total time (in hours) will the boat take to go 44.9 km upstream and 57.8 km downstream?

- Ans**
- ✗ 1. 4.3
 - ✗ 2. 0.2
 - ✗ 3. 2.2
 - ✓ 4. 1.9

Q.54 The ratio between the fourth proportional of 2, 8 and 12 to the mean proportional of 9 and 4 is:

- Ans**
- ✗ 1. 11 : 3
 - ✓ 2. 8 : 1
 - ✗ 3. 10 : 3
 - ✗ 4. 9 : 2

Q.55 As per the Union Budget 2025-26, the remittance threshold under the Liberalized Remittance Scheme (LRS) was raised from ₹7 lakh to _

- Ans**
- ☐ 1. ₹11 lakh
 - ☒ 2. ₹10 lakh
 - ☐ 3. ₹12 lakh
 - ☐ 4. ₹13 lakh

Q.56 Where is the headquarter of the National Human Rights Commission in India?

- Ans**
- ☐ 1. Kolkata
 - ☐ 2. Mumbai
 - ☐ 3. Chennai
 - ☒ 4. New Delhi

Q.57 Kabir, Jasbir, Urmila, Richa, Prem, Deep and Sonika are sitting around a circular table, facing the centre. Sonika sits third to the right of Prem. Kabir sits to the immediate right of Deep. Jasbir sits second to the left of Sonika. Urmila sits third to the right of Jasbir. Who sits second to the left of Urmila?

- Ans**
- ☐ 1. Jasbir
 - ☒ 2. Richa
 - ☐ 3. Kabir
 - ☐ 4. Prem

Q.58 A UNESCO World Heritage Site, the Kakatiya Rudreshwara Temple is situated in which of the following states of India?

- Ans**
- ☐ 1. Gujarat
 - ☐ 2. Andhra Pradesh
 - ☐ 3. Karnataka
 - ☒ 4. Telangana

Q.59 Which of the following is NOT correct with respect to the Naikdas Uprising Sankheda,1858?

- Ans**
- ☒ 1. The leader Rupa surrendered before the British in 1860.
 - ☐ 2. The revolt took place around Chhotaudepur district in Gujarat.
 - ☐ 3. They resorted to guerrilla tactics, harassing the British troops and attacking the British thanas.
 - ☐ 4. The Naikdas of Sankheda took arms under both the leaders Rupa Naik and K Naik.

Q.60 A salesman marks his good 64% above the cost price and gives a discount of 25% on them. Find the percentage of this gain or loss.

- Ans**
- ☒ 1. 23% gain
 - ☐ 2. 20% loss
 - ☐ 3. 21% gain
 - ☐ 4. 24% gain

Q.61 The cost of 4 pens and 5 pencils is ₹193 and the cost of 3 pens and 6 pencils ₹165. The cost of 4 pens and 6 pencils is:

- Ans**
- ☐ 1. ₹201
 - ☐ 2. ₹198
 - ☐ 3. ₹206
 - ☒ 4. ₹202

Q.62 According to Article 246 of the Indian Constitution, parliament has exclusive powers to make laws on subjects mentioned in which of the following lists?

- Ans**
- ☒ 1. Union List
 - ☐ 2. Concurrent List
 - ☐ 3. State List
 - ☐ 4. Local List

Q.63 Dholavira site of Indus Valley Civilization is best known for which of the following practices?

- Ans**
- ☐ 1. Making of carts
 - ☐ 2. Use of iron implements
 - ☒ 3. Water conservation system
 - ☐ 4. Rock-cut architecture

Q.64 The sides (in cm) of a right triangle are $(x - 18)$, $(x - 25)$ and x . Its area (in cm^2) is:

- Ans**
- ☐ 1. 1329
 - ☐ 2. 1311
 - ☒ 3. 1320
 - ☐ 4. 1314

Q.65 What will come in place of the question mark (?) in the given series?

832 830 826 820 812 ?

- Ans**
- ☒ 1. 802
 - ☐ 2. 800
 - ☐ 3. 803
 - ☐ 4. 801

Q.66 Trade Receivables Discounting System (TReDS) is an electronic platform for facilitating the financing/discounting of trade receivables of which sector?

- Ans**
- ☐ 1. Exporting business
 - ☐ 2. Pharmaceutical sector
 - ☐ 3. Software business
 - ☒ 4. MSME sector

Q.67 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) 6 3 £ \$ % 3 \$ 9 8 1 8 * % 2 6 € \$ £ # 8 & \$ (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans**
- ☐ 1. 5
 - ☐ 2. 6
 - ☐ 3. 3
 - ☒ 4. 4

- Q.68** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All rabbits are squirrel.

Some squirrels are rats.

All rats are mammals.

Conclusions:

(I) Some mammals are squirrel.

(II) Some rats are rabbits.

- Ans** ☒ 1. Only conclusion (I) follows
☐ 2. Neither conclusion (I) nor conclusion (II) follows
☐ 3. Only conclusion (II) follows
☐ 4. Both conclusions (I) and (II) follow

- Q.69** In a certain code language, 'CALM' is coded as '2468' and 'LIVE' is coded as '8537'. What is the code for 'L' in the given language?

- Ans** ☐ 1. 3
☐ 2. 6
☐ 3. 7
☒ 4. 8

- Q.70** What should come in place of the question mark (?) in the given series based on the English alphabetical order?
SUX QSV OQT MOR ?

- Ans** ☐ 1. KNO
☒ 2. KMP
☐ 3. KMO
☐ 4. KNP

- Q.71** Rishi starts from Point A and drives 8 km towards North. He then takes a left turn, drives 9 km, turns left and drives 12 km. He then takes a left turn and drives 13 km. He takes a final left turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only, unless specified.)

- Ans** ☒ 1. 4 km to the west
☐ 2. 6 km to the west
☐ 3. 5 km to the west
☐ 4. 3 km to the west

- Q.72** What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$131 \div 6 + 1818 \times 18 - 23 = ?$$

- Ans** ☐ 1. 705
☒ 2. 708
☐ 3. 711
☐ 4. 701

Q.73 A, B and C alone can do a piece of work in 11, 33 and 48 days, respectively. They all started the work together, but A left after 2 days. In how many days was the remaining work completed?

- Ans** ☒ 1. 14
☐ 2. 13
☐ 3. 16
☐ 4. 15

Q.74 According to the Charter Act of 1793, the charter of the east India company was renewed for how many years?

- Ans** ☒ 1. 20
☐ 2. 25
☐ 3. 18
☐ 4. 15

Q.75 Barun starts from Point Y and drives 19 km towards the east. He then takes a right turn, drives 28 km, turns left and drives 17 km. He then takes a left turn and drives 59 km. He takes a left turn, drives 36 km. He then turns right, drives 9 km and stops at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)

- Ans** ☐ 1. 22 km towards the south
☒ 2. 40 km towards the south
☐ 3. 29 km towards the north
☐ 4. 36 km towards the north

Q.76 Which of the following is an incorrect statement about Cache Memory?

- Ans** ☒ 1. Cache memory is a form of secondary storage.
☐ 2. Cache memory is faster than main memory.
☐ 3. Cache memory is located close to or inside the CPU.
☐ 4. Cache memory stores frequently accessed data for quick retrieval.

Q.77 Where do deleted files go by default in Windows OS?

- Ans** ☒ 1. The Recycle Bin
☐ 2. The Cloud
☐ 3. The Downloads folder
☐ 4. They are permanently erased

Q.78 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans** ☒ 1. RW – LD
☐ 2. CH – VO
☐ 3. UZ – NG
☐ 4. KP – DW

Q.79 In an MS Excel spreadsheet, what does the cell address B5 represent?

- Ans** ☒ 1. Column B and Row 5
☐ 2. Row B and Column 5
☐ 3. A formula referencing another cell
☐ 4. The value 'B5' stored in a cell

Q.80 Which Article of the Constitution of India permits minorities based on language to establish educational institutes?

- Ans**
- ☐ 1. Article 29
 - ☐ 2. Article 28
 - ☒ 3. Article 30
 - ☐ 4. Article 32

Q.81 In a certain code language,
'A + B' means 'A is the son of B'
'A - B' means 'A is the brother of B'
'A x B' means 'A is the wife of B'
'A ÷ B' means 'A is the father of B'

Based on the above, how is M related to Q if 'M + N - O ÷ P x Q'?

- Ans**
- ☐ 1. Wife's Father's Sister's Son
 - ☒ 2. Wife's Father's Brother's Son
 - ☐ 3. Wife's Mother's Brother's Son
 - ☐ 4. Wife's Mother's Sister's Son

Q.82 In 1909, Sir William Hutt Curzon Wylie, a British official, was shot and assassinated in London. Who was responsible for this act?

- Ans**
- ☐ 1. Ras Bihari Bose
 - ☐ 2. Khudiram Bose
 - ☒ 3. Madan Lal Dhingra
 - ☐ 4. Subhas Chandra Bose

Q.83 Find the area of a parallelogram, whose base is $(3x - 5y + 4)$ m and height is $(2x - 3y + 1)$ m.

- Ans**
- ☐ 1. $(3x^2 - 25y^2 - 20xy - 4x - 20y) \text{ m}^2$
 - ☐ 2. $(3x^2 - 25y^2 + 20xy + 4x - 20y) \text{ m}^2$
 - ☒ 3. $(3x^2 + 25y^2 - 20xy + 4x - 20y) \text{ m}^2$
 - ☐ 4. $(3x^2 + 25y^2 + 20xy + 4x - 20y) \text{ m}^2$

Q.84 In the Union Budget presented on 1 February 2025, what was the new income threshold up to which individuals are exempted from paying income tax under the new regime?

- Ans**
- ☐ 1. ₹10 lakh
 - ☐ 2. ₹15 lakh
 - ☒ 3. ₹12 lakh
 - ☐ 4. ₹12.75 lakh

Q.85 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. U has an exam on Saturday. Only 4 people have an exam between S and T, neither of whom has an exam on Monday. P has an exam immediately after R, and V has an exam immediately before R. T has an exam after P. How many people have an exam after S?

- Ans**
- ☐ 1. 4
 - ☐ 2. 2
 - ☒ 3. 5
 - ☐ 4. 3

Q.86 During which event did DRDO outline its plan to develop Indian Integrated Combat Aerial Systems (IICAS)?

- Ans**
- ☐ 1. Bharat Drone Summit 2024
 - ☐ 2. Aero India 2025
 - ☐ 3. Defence Tech Expo 2025
 - ☒ 4. Drone Industry Conclave 2025

Q.87 Seven friends, A, B, C, D, N, O and P, are sitting in a straight row facing north. No one sits to the right of A. Only three people sit between A and D. Only two people sit between D and B. C sits third to the left of P. N sits to the immediate right of P. How many people sit between O and B?

- Ans**
- ☐ 1. One
 - ☐ 2. Four
 - ☒ 3. Three
 - ☐ 4. Two

Q.88 Which of the following taxes has been replaced by Goods and Services Tax (GST)?

- 1. Additional Duty of Customs
- 2. State VAT
- 3. Central Excise Duty

- Ans**
- ☒ 1. 1, 2 and 3
 - ☐ 2. Only 2
 - ☐ 3. Only 1 and 2
 - ☐ 4. Only 2 and 3

Q.89 The easternmost extension of the Himalayas does NOT include which of the following?

- Ans**
- ☐ 1. Patkai Hills
 - ☐ 2. Naga Hills
 - ☒ 3. Khasi Hills
 - ☐ 4. Mizo Hills

Q.90 Which type of wave is primarily formed on a stretched string when plucked or disturbed?

- Ans**
- ☐ 1. Electromagnetic wave
 - ☐ 2. Torsional wave
 - ☐ 3. Surface wave
 - ☒ 4. Transverse wave

Q.91 The median of the observations 21, 36, 73, 71, 35, 38, 49, 37, 26, 66 and 73 is:

- Ans**
- ☐ 1. 37
 - ☐ 2. 36
 - ☐ 3. 35
 - ☒ 4. 38

Q.92 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

MGP : NIS
SVB : TXE

- Ans**
- ☐ 1. DMR : CMP
 - ☐ 2. DNP : CPT
 - ☒ 3. CTR : DVU
 - ☐ 4. CDP : DUV

Q.93 Which gas is a major product of industrial production for use in aerosol propellants and air conditioning systems?

- Ans**
- ☐ 1. Methane
 - ☒ 2. Freon-12
 - ☐ 3. Carbon monoxide
 - ☐ 4. Oxygen

Q.94 What was the real GDP Growth Rate of India in 2023-24, which was the highest in the previous 12 years, except for 2021-22?

- Ans**
- ☐ 1. 6.2%
 - ☒ 2. 9.2%
 - ☐ 3. 5.2%
 - ☐ 4. 15.2%

Q.95 Find the smallest number by which 2527 must be multiplied to make it a perfect square.

- Ans**
- ☐ 1. 15
 - ☐ 2. 21
 - ☒ 3. 7
 - ☐ 4. 19

Q.96 Robert, Chris and Jeremy can finish a certain piece of work in 10, 14 and 21 days, respectively. All three of them started the work together. Robert left the work after 5 days and Chris left just 2 days before the work was completed. Find the total number of days taken for the work to be completed.

- Ans**
- ☐ 1. 10.9
 - ☐ 2. 9.5
 - ☒ 3. 5.4
 - ☐ 4. 1.7

Q.97 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

EB-GD-IF
BY-DA-FC

- Ans**
- ☒ 1. UR-WT-YV
 - ☐ 2. GD-JF-KH
 - ☐ 3. KH-MI-OL
 - ☐ 4. PM-RO-SQ

Q.98 Prince ranked 24th from the top and 39th from the bottom in his class. How many students are there in his class?

- Ans**
- ☐ 1. 63
 - ☒ 2. 62
 - ☐ 3. 61
 - ☐ 4. 64

Q.99 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

VDU RGS NJQ ? FPM

- Ans**
- ☒ 1. JLN
 - ☒ 2. JMO
 - ☒ 3. JMN
 - ☒ 4. JMP

Q.100 If 'A' stands for '+', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation?

103 C (64 A8) B 2 C 9 B 3 D 33 = ?

- Ans**
- ☒ 1. 129
 - ☒ 2. 137
 - ☒ 3. 91
 - ☒ 4. 113



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	iON Digital Zone iDZ Unn
Test Date	17/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All sparrows are parrots.

All parrots are macau.

Some sparrows are dove.

Conclusions:

(I) Some sparrows are macau.

(II) Some doves are parrots.

- Ans** ☒ 1. Only conclusion (I) follows
☒ 2. Neither conclusion (I) nor conclusion (II) follows
☒ 3. Only conclusion (II) follows
☒ 4. Both conclusions (I) and (II) follow

Q.2 The sum of two positive numbers x and y (where $x > y$) is 15 and the difference between the number x and y is 3.

- Ans** ☒ 1. 10
☒ 2. 12
☒ 3. 8
☒ 4. 9

Q.3 A person saves 30% of his income. If his expenditure is ₹840, then his income (in ₹) is:

- Ans** ☒ 1. 1,200
☒ 2. 252
☒ 3. 1,240
☒ 4. 588

Q.4 Which secret society founded by Vinayak Damodar Savarkar promoted armed revolution against the British rule?

- Ans**
- ☐ 1. Anushilan Samiti
 - ☐ 2. Hindustan Socialist Republican Association
 - ☐ 3. Ghadar Party
 - ☒ 4. Abhinav Bharat

Q.5 According to INEP Emissions Gap Report 2024, what annual reduction in emissions is required until 2035 to limit global warming to 1.5°C?

- Ans**
- ☐ 1. 5.5%
 - ☐ 2. 3.5%
 - ☐ 3. 10%
 - ☒ 4. 7.5%

Q.6 Three persons X, Y, and Z started a business with their shares in the ratio 3 : 4 : 10. After 6 months, Y withdrew his 50% share, while Z withdrew his 40% share 9 months prior to completion of the year. If the total profit at the end of the year is ₹23,400, find the share of Z (in ₹) in the profit.

- Ans**
- ☐ 1. 12,559
 - ☐ 2. 12,366
 - ☒ 3. 12,600
 - ☐ 4. 12,510

Q.7 What is the major reason behind higher road density in Kerala compared to Rajasthan?

- Ans**
- ☐ 1. Availability of land
 - ☒ 2. Topography and population density
 - ☐ 3. Higher Gross Domestic Products
 - ☐ 4. Mineral distribution

Q.8 Harishena was the court poet of:

- Ans**
- ☐ 1. Chandragupta I
 - ☒ 2. Samudragupta
 - ☐ 3. Skandagupta
 - ☐ 4. Chandragupta II

Q.9 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

RLY TNS VPM XRG ?

- Ans**
- ☐ 1. ZUZ
 - ☐ 2. ZTZ
 - ☐ 3. ZUA
 - ☒ 4. ZTA

Q.10 Which enzyme, secreted by the chief cells of the stomach, is crucial for initiating the digestion of proteins?

- Ans**
- ☐ 1. Gastric lipase
 - ☒ 2. Pepsinogen (converted to pepsin)
 - ☐ 3. Trypsinogen (converted to trypsin)
 - ☐ 4. Amylase

Q.11 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) @ 9 7 8 2 @ @ 9 3 * 2 6 2 © # 9 & 7 8 9 @ 4 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?

- Ans
- ☐ 1. 2
 - ☒ 2. 3
 - ☐ 3. 5
 - ☐ 4. 4

Q.12 What is the maximum imprisonment term that a Chief Judicial Magistrate can award?

- Ans
- ☐ 1. 3 years
 - ☐ 2. Life imprisonment
 - ☒ 3. 7 years
 - ☐ 4. 10 years

Q.13 Nick, Kevin, and Joe can finish a certain piece of work in 3, 9, and 27 days respectively. All three of them started the work together. Nick left after working for 1 day, and Kevin left 2 days before the work was completed. Find the total number of days taken to complete the work.

- Ans
- ☐ 1. 5
 - ☐ 2. 7
 - ☒ 3. 6
 - ☐ 4. 4

Q.14 Where did Max Verstappen clinch his fourth Formula 1 World Championship?

- Ans
- ☒ 1. Las Vegas
 - ☐ 2. Miami
 - ☐ 3. Indianapolis
 - ☐ 4. Austin

Q.15 Which Indian state's/Union Territory's government has announced its Electric Vehicle (EV) Policy 2.0 to reduce air pollution in the region?

- Ans
- ☐ 1. Uttar Pradesh
 - ☐ 2. Chandigarh
 - ☒ 3. Delhi
 - ☐ 4. Assam

Q.16 Kumudini Rajnikant Lakhia was honoured with the Padma Vibhushan in 2025 for her contribution in which field?

- Ans
- ☐ 1. Sports
 - ☐ 2. Public Affairs
 - ☐ 3. Medicine
 - ☒ 4. Arts

Q.17 Mr. Wax starts from Point A and drives 14 km towards the north. He then takes a right turn, drives 9 km, turns right and drives 7 km. He then takes a left turn, drives 3 km, turns right and drives 11 km. He then takes a right turn and drives 15 km. He takes a final right turn, drives 4 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified)

- Ans**
- ☐ 1. 2 km to the west
 - ☐ 2. 5 km to the east
 - ☒ 3. 3 km to the east
 - ☐ 4. 4 km to the west

Q.18 According to CRISIL's Infrastructure Yearbook 2023, what is the total projected infrastructure spending in India over the next seven years?

- Ans**
- ☒ 1. ₹143 lakh crore
 - ☐ 2. ₹160 lakh crore
 - ☐ 3. ₹110 lakh crore
 - ☐ 4. ₹95 lakh crore

Q.19 Which of the following is a part of the secondary sector in India?

- Ans**
- ☐ 1. Farming
 - ☐ 2. Fishing
 - ☐ 3. Teaching
 - ☒ 4. Weaving cotton fabric

Q.20 On simple interest, a certain sum of money amounts to ₹1,250 in 2 years and to ₹2,000 in 4 years. Find the rate of interest per annum.

- Ans**
- ☒ 1. 75%
 - ☐ 2. 80%
 - ☐ 3. 70%
 - ☐ 4. 85%

Q.21 The title name 'Rani Gaidinliu' was given to the Naga revolt leader Gaidinliu Pamei by which political leader?

- Ans**
- ☒ 1. Jawaharlal Nehru
 - ☐ 2. Sardar Vallabhbhai Patel
 - ☐ 3. Mahatma Gandhi
 - ☐ 4. Sarojini Naidu

Q.22 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. NL – WQ
 - ☐ 2. IG – RL
 - ☒ 3. BZ – KF
 - ☐ 4. RP – AU

Q.23 Which of the following are the key factors that are favourable for India for making it a key destination for foreign investments?

1. India's robust economic fundamentals
2. Ongoing structural reforms
3. Decreasing consumer market position

Ans ☐ 1. All 1, 2, and 3
☐ 2. 1 and 3 only
☒ 3. 1 and 2 only
☐ 4. 2 and 3 only

Q.24 In a certain code language, 'HUNT' is coded as '6438' and 'USER' is coded as '5723'. What is the code for 'U' in the given code language?

Ans ☐ 1. 4
☐ 2. 5
☐ 3. 7
☒ 4. 3

Q.25 CMOS, often associated with storing system configuration, stands for:

Ans ☐ 1. Computerised Main Operating System
☐ 2. Central Memory Output System
☐ 3. Configurable Modular Operating Software
☒ 4. Complementary Metal-Oxide Semiconductor

Q.26 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: HNV :: GVO : %

Ans ☐ 1. # = DMU, % = SWT
☒ 2. # = FMU, % = IWP
☐ 3. # = FNW, % = QHT
☐ 4. # = DNU, % = JHS

Q.27 In January 2025, National Tourism Day was celebrated with which of the following themes?

Ans ☐ 1. Tourism for Equal Progress
☐ 2. Tourism for Sustainable Future
☐ 3. Tourism for Rural Revival
☒ 4. Tourism for Inclusive Growth

Q.28 What motion is responsible for the generation of waves in a string?

Ans ☐ 1. Rectilinear motion
☐ 2. Random motion
☒ 3. Periodic oscillatory motion
☐ 4. Non-accelerating translational motion

- Q.29** Consider the following statements regarding Exercise Tiger Triumph – 25, which was conducted in April 2025.
It was a bilateral Tri-Service Humanitarian Assistance and Disaster Relief (HADR) exercise between India and the United Kingdom.
The Harbour Phase of the exercise was scheduled at Visakhapatnam, while the Sea Phase and HADR operations were conducted off Kakinada.
Indian participation included INS Vikrant along with other Army and Air Force contingents.
The exercise aimed to develop interoperability and formulate SOPs for a Combined Coordination Centre during joint operations.

Which of the above statements are correct?

- Ans** ☒ 1. Only 2 and 4
☐ 2. Only 1 and 2
☐ 3. Only 3 and 4
☐ 4. 1, 2, 3 and 4
- Q.30** Dhiraj starts from Point Y and drives 22 km towards the east. He then takes a right turn, drives 33 km, turns left and drives 25 km. He then takes a left turn and drives 51 km. He takes a left turn, drives 47 km. He then turns left, drives 23 km and stops at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)
- Ans** ☐ 1. 5 km towards the east
☐ 2. 7 km towards the north
☒ 3. 5 km towards the north
☐ 4. 7 km towards the south
- Q.31** The cost of 8 pens and 2 pencils is ₹96 and the cost of 4 pens and 7 pencils ₹72. The cost of 2 pens and 8 pencils is:
- Ans** ☐ 1. ₹53
☐ 2. ₹56
☐ 3. ₹55
☒ 4. ₹54
- Q.32** Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)
- Ans** ☐ 1. EF - CD
☐ 2. CD - AB
☐ 3. IJ - GH
☒ 4. NP - RL
- Q.33** Seven boxes, A, B, C, D, E, F and G, are kept one over the other, but not necessarily in the same order. Only three boxes are kept below B. Only two boxes are kept between B and A. Only C is kept immediately above E. D is kept at some place below F and at some place above G. How many boxes are kept above F?
- Ans** ☐ 1. 4
☐ 2. 3
☒ 3. 2
☐ 4. 1

Q.34 A retailer allows a 22% discount on the marked price. What should be the marked price (in ₹) of an item whose cost price is ₹546, in order to make a profit of 60%?

- Ans**
- ☒ 1. 1,120
 - ☐ 2. 1,118
 - ☐ 3. 1,123
 - ☐ 4. 1,122

Q.35 A bank offers 1.1% compound interest per annum calculated on a half-yearly basis. A customer deposits ₹7,745 each on 1 January and 1 July of a year. At the end of the year, the amount he would have gained by way of interest is _____. (Rounded up to the 2 decimal places.)

- Ans**
- ☐ 1. ₹109.99
 - ☐ 2. ₹121.87
 - ☐ 3. ₹131.93
 - ☒ 4. ₹128.03

Q.36 Ansh, Kautuk, Swati, Vansh, Navya, Deepak and Rani are sitting around a circular table, facing the centre. Kautuk sits second to the right of Swati. Vansh sits to the immediate left of Ansh. Ansh sits second to the left of Swati. Navya sits third to the right of Rani. Who sits third to the left of Deepak?

- Ans**
- ☐ 1. Rani
 - ☐ 2. Navya
 - ☐ 3. Vansh
 - ☒ 4. Ansh

Q.37 If $a : b :: b : c$; $c = 25a$ and $b = 20$, find the positive value of c .

- Ans**
- ☐ 1. 99
 - ☒ 2. 100
 - ☐ 3. 98
 - ☐ 4. 101

Q.38 A is married to E. E is the sister of R. R is married to D. D is the only brother of Z. B is the only daughter of R. How is A related to B?

- Ans**
- ☐ 1. Mother's brother's wife
 - ☒ 2. Mother's sister's husband
 - ☐ 3. Father's sister's husband
 - ☐ 4. Mother's sister's father

Q.39 If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 7526318, what will be the difference between the highest and lowest digits in the number thus formed?

- Ans**
- ☐ 1. 6
 - ☐ 2. 9
 - ☒ 3. 8
 - ☐ 4. 7

Q.40 The largest monolithic rock structure in the world, the Kailasa Temple, is situated in which of the following caves?

- Ans**
- ☐ 1. Bagh caves
 - ☒ 2. Ellora caves
 - ☐ 3. Junagadh caves
 - ☐ 4. Ajanta caves

Q.41 A solid hemisphere has a radius of 16 cm. Find its total surface area.

- Ans**
- ☐ 1. $764\pi \text{ cm}^2$
 - ☐ 2. $761\pi \text{ cm}^2$
 - ☐ 3. $760\pi \text{ cm}^2$
 - ☒ 4. $768\pi \text{ cm}^2$

Q.42 In a regular polygon with n sides, the sum of the interior angles is 1800° . What is the number of sides (n) of the polygon?

- Ans**
- ☐ 1. 14
 - ☐ 2. 16
 - ☒ 3. 12
 - ☐ 4. 10

Q.43 Which of the following is a National Park in Rajasthan?

- Ans**
- ☒ 1. Ranthambore National Park
 - ☐ 2. Jim Corbett National Park
 - ☐ 3. Kaziranga National Park
 - ☐ 4. Sundarbans National Park

Q.44 Seven boxes, D, E, F, G, S, T and U, are kept one over the other but not necessarily in the same order. Only two boxes are kept below T. Only one box is kept above U. Only one box is kept between U and D. G is kept immediately above S. F is kept at some place below E. How many boxes are kept between E and G?

- Ans**
- ☐ 1. One
 - ☒ 2. Four
 - ☐ 3. Two
 - ☐ 4. Three

Q.45 Who among the following has the authority to specify an urban area as a 'large urban area' or a 'small urban area' or a 'transitional area' in a state?

- Ans**
- ☐ 1. Chief Minister of the State
 - ☒ 2. Governor of the State
 - ☐ 3. Chief Justice of the State's High Court
 - ☐ 4. President of India

Q.46 Which aircraft's midlife upgrade is a highlight at DRDO's outdoor display in Aero India 2025?

- Ans**
- ☐ 1. Sukhoi-30
 - ☐ 2. Tejas
 - ☐ 3. Jaguar
 - ☒ 4. Dornier

Q.47 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. E lives on an even numbered floor but not 4. The sum of floors on which E and F live is 9. Only 3 people live between C and A. The sum of floors on which B and A live is 3. How many people live above B?

- Ans**
- ☐ 1. 3
 - ☐ 2. 2
 - ☒ 3. 4
 - ☐ 4. 1

Q.48 A, B and C alone can do a piece of work in 5, 55 and 66 days, respectively. They all started the work together, but A left after 4 days. In how many days was the whole work completed?

- Ans**
- ☐ 1. 7
 - ☒ 2. 6
 - ☐ 3. 3
 - ☐ 4. 2

Q.49 Find the simplified value of $[160 \div \{30 + 7 \times (2 - 6)\}]$.

- Ans**
- ☐ 1. 78
 - ☒ 2. 80
 - ☐ 3. 85
 - ☐ 4. 79

Q.50 Which international entity has partnered with India to launch joint research initiatives aimed at tackling marine plastic litter and developing waste-to-hydrogen technologies?

- Ans**
- ☒ 1. European Union (EU)
 - ☐ 2. United Nations Industrial Development Organization (UNIDO)
 - ☐ 3. World Economic Forum (WEF)
 - ☐ 4. G7 Environment Council

Q.51 Indira Point, the southernmost tip of India, is located on which island?

- Ans**
- ☒ 1. Great Nicobar Island
 - ☐ 2. Car Nicobar Island
 - ☐ 3. Nancowry Island
 - ☐ 4. Little Nicobar Island

Q.52 Among the following cities, which is closest to the Prime Meridian?

- Ans**
- ☐ 1. Delhi
 - ☒ 2. Ahmedabad
 - ☐ 3. Agartala
 - ☐ 4. Kanyakumari

Q.53 If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 37246895, how many digits will appear more than once in the new number thus formed?

- Ans**
- ☐ 1. One
 - ☐ 2. Four
 - ☒ 3. Three
 - ☐ 4. Two

Q.54 If the discriminant of quadratic equation is negative, then the roots are

- Ans**
- ☐ 1. real and negative
 - ☐ 2. real and distinct
 - ☐ 3. real and equal
 - ☒ 4. complex conjugates

Q.55 Three numbers are in the ratio 2 : 7 : 13, and their LCM is 3094. Their HCF is ____.

- Ans
- ☐ 1. 18
 - ☐ 2. 9
 - ☒ 3. 17
 - ☐ 4. 20

Q.56 Who is the Chairperson of Lokpal as of April 2025 in India?

- Ans
- ☐ 1. Justice L Narayana Swamy
 - ☐ 2. Justice Ritu Raj Awasthi
 - ☐ 3. Justice Sanjay Yadav
 - ☒ 4. Justice Ajay Manik Rao Khanwilkar

Q.57 The population of a town in 1930 was 3,48,000. If its population increased in two successive decades by 95% in each decade, the population of the town in 1950 was:

- Ans
- ☐ 1. 13,23,273
 - ☐ 2. 13,23,267
 - ☐ 3. 13,23,272
 - ☒ 4. 13,23,270

Q.58 A vendor sells 8, 12, 10, 14, and 6 mangoes over five days. What is the average number of mangoes sold per day?

- Ans
- ☐ 1. 8
 - ☐ 2. 14
 - ☐ 3. 12
 - ☒ 4. 10

Q.59 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(22, 28, 31)

(39, 45, 48)

- Ans
- ☐ 1. (17, 20, 26)
 - ☒ 2. (27, 33, 36)
 - ☐ 3. (53, 59, 65)
 - ☐ 4. (44, 47, 50)

Q.60 Govind bought two items at a total cost of ₹4,800. He sold one item at 34% profit and the other at 10% loss. If Govind sold both the items together for ₹5,442, then what is the difference between the cost price (in ₹) of both the items?

- Ans
- ☒ 1. 300
 - ☐ 2. 325
 - ☐ 3. 350
 - ☐ 4. 275

Q.61 How does the President of India exercise his/her executive functions with respect to decision-making?

- Ans
- ☐ 1. The President acts entirely on his own absolute discretion.
 - ☐ 2. The President can repeatedly ask for reconsideration of any ministerial decision until satisfied.
 - ☐ 3. The President acts independently of the Union Government for foreign affairs.
 - ☒ 4. The President considers the advice of the Prime Minister and the Union council of ministers.

Q.62 In a certain code language, 'SING' is coded as '9137' and 'TURN' is coded as '8496'. What is the code for 'N' in the given code language?

- Ans**
- ☐ 1. 6
 - ☐ 2. 3
 - ☐ 3. 7
 - ☒ 4. 9

Q.63 What should come in place of the question mark (?) in the given series?

2 9 23 51 107 ?

- Ans**
- ☐ 1. 221
 - ☒ 2. 219
 - ☐ 3. 224
 - ☐ 4. 214

Q.64 Which of the following numbers is divisible by 41?

- Ans**
- ☐ 1. 9879
 - ☒ 2. 9430
 - ☐ 3. 9249
 - ☐ 4. 10113

Q.65 Not all regions in India equally benefited from the Green Revolution. Which of the following states was least impacted by the first phase of the Green Revolution?

- Ans**
- ☐ 1. Punjab
 - ☒ 2. Orissa
 - ☐ 3. Uttar Pradesh
 - ☐ 4. Haryana

Q.66 HT 17 is related to GQ 6 in a certain way. In the same way, LX 9 is related to KU -2. To which of the given options is QR 6 related, following the same logic?

- Ans**
- ☐ 1. QQ -7
 - ☐ 2. PQ -5
 - ☐ 3. QR -7
 - ☒ 4. PO -5

Q.67 Find the circumference (in m) of the largest circle that can be inscribed in a rectangle whose dimensions are given as 112 m and 281 m.

Take $\pi = \frac{22}{7}$

- Ans**
- ☐ 1. 354
 - ☐ 2. 348
 - ☐ 3. 342
 - ☒ 4. 352

Q.68 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) © © 4 3 5 6 7 # * 1 3 % 9 2 7 5 9 & £ @ 7 * (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a number?

- Ans
- ☒ 1. 7
 - ☒ 2. 6
 - ☒ 3. 5
 - ☒ 4. 8

Q.69 What is the full form of CD, commonly used in storage devices?

- Ans
- ☒ 1. Computer Disk
 - ☒ 2. Compact Disc
 - ☒ 3. Compact Data
 - ☒ 4. Circuit Drive

Q.70 Namita travels a certain distance at a speed of 88 km/hr and double the earlier distance at 16 km/hr. She then returns to the starting point through the same route. If her average speed for the entire journey is 33 km/hr, then what is her speed (in km/hr) for the return journey?

- Ans
- ☒ 1. 66
 - ☒ 2. 65.4
 - ☒ 3. 71.2
 - ☒ 4. 64

Q.71 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
RUW PSU NQS LOQ ?

- Ans
- ☒ 1. JNO
 - ☒ 2. JNP
 - ☒ 3. JMO
 - ☒ 4. JMP

Q.72 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: RWS :: INJ : %

- Ans
- ☒ 1. # = UZV, % = FKG
 - ☒ 2. # = NGV, % = FLP
 - ☒ 3. # = CDR, % = KJI
 - ☒ 4. # = PIV, % = MJU

Q.73 What was Ashoka's relation to Bindusara?

- Ans
- ☒ 1. Son
 - ☒ 2. Brother
 - ☒ 3. Brother-in-law
 - ☒ 4. Grandson

Q.74 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7648135, then what will the difference between the digits that are second from the left and second from the right in the new number thus formed be?

- Ans
- ☐ 1. 1
 - ☐ 2. -2
 - ☒ 3. 0
 - ☐ 4. -1

Q.75 If $\frac{\sec\theta - \tan\theta}{\sec\theta + \tan\theta} = \frac{3}{5}$, then $2\sin\theta$ is equal to:

- Ans
- ☐ 1. $\frac{1}{4}$
 - ☐ 2. $\frac{1}{8}$
 - ☒ 3. $\frac{1}{2}$
 - ☐ 4. 1

Q.76 A company produces two products A and B with prices of ₹156 and ₹220, respectively. If 55% of the products sold are A and 45% of the products sold are B. Find the weighted average price?

- Ans
- ☐ 1. ₹174.60
 - ☒ 2. ₹184.80
 - ☐ 3. ₹169.50
 - ☐ 4. ₹165.30

Q.77 Who was the skipper of the Mumbai Indians team that won the Women's Premier League (WPL) 2025 title?

- Ans
- ☐ 1. Mithali Raj
 - ☒ 2. Harmanpreet Kaur
 - ☐ 3. Smriti Mandhana
 - ☐ 4. Jhulan Goswami

Q.78 A train P going at the speed of 78 km/hr completely passes train Q of length 120 m, going in the same direction on parallel tracks, at 62 km/hr, in 4.5 minutes. How much time (in seconds) will P take to cross completely train R of length 245 m, going at 81 km/hr in the opposite direction?

- Ans
- ☐ 1. 49
 - ☐ 2. 15
 - ☒ 3. 30
 - ☐ 4. 28

Q.79 Find a single discount equal to three consecutive discounts of 20%, 13% and 20%.

- Ans
- ☒ 1. 44.32%
 - ☐ 2. 42.74%
 - ☐ 3. 48.08%
 - ☐ 4. 44.95%

Q.80 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7235614, then which of the following digits will be second from the left?

- Ans
- ☐ 1. 4
 - ☐ 2. 7
 - ☐ 3. 2
 - ☒ 4. 0

Q.81 In MS Excel, which feature ensures that only a specified portion of the spreadsheet is printed?

- Ans**
- ☒ 1. Print Area
 - ☐ 2. Margin Settings
 - ☐ 3. Page Orientation
 - ☐ 4. Page Break Preview

Q.82 Which Princely State had a representative assembly from as early as 1881?

- Ans**
- ☐ 1. Hyderabad
 - ☒ 2. Mysore
 - ☐ 3. Gwalior
 - ☐ 4. Patiala

Q.83 What is the median of the following distribution?

Class	140-190	190-240	240-290	290-340	340-390
Frequency	23	13	24	25	35

- Ans**
- ☐ 1. 301
 - ☐ 2. 278
 - ☒ 3. 290
 - ☐ 4. 304

Q.84 What is the name of the pillared hall at the front of a Hindu temple where devotees gather?

- Ans**
- ☐ 1. Amalaka
 - ☐ 2. Garbhagriha
 - ☐ 3. Antarala
 - ☒ 4. Mandapa

Q.85 VH 14 is related to YJ 7 in a certain way. In the same way, PI 18 is related to SK 11. To which of the given options is SU 4 related, following the same logic?

- Ans**
- ☐ 1. NT -7
 - ☒ 2. VW -3
 - ☐ 3. XR -5
 - ☐ 4. MR -9

Q.86 This question is based on the five, three-digit numbers given below.

(Left) 815 497 460 637 147 (Right)

(Example- 697 - First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is subtracted from the third digit of the lowest number?

- Ans**
- ☐ 1. 7
 - ☐ 2. 5
 - ☐ 3. 9
 - ☒ 4. 6

Q.87 The mode of the observations 8, 7, 4, 7, 9, 4, 5, 4, 7, 2, 4, 5, 8, 5, 4 and 5 is:

- Ans**
- ☐ 1. 7
 - ☒ 2. 4
 - ☐ 3. 8
 - ☐ 4. 2

Q.88 What positive value of X satisfies the equation $\frac{X}{176} = \frac{99}{X}$?

- Ans**
- ☒ 1. 132
 - ☐ 2. 135
 - ☐ 3. 130
 - ☐ 4. 133

Q.89 Which of the following Directive Principles is mentioned in Article 43B of the Constitution of India?

- Ans**
- ☐ 1. Uniform civil code for the citizens
 - ☐ 2. Equal justice and free legal aid
 - ☒ 3. Promotion of co-operative societies
 - ☐ 4. Organisation of agriculture and animal husbandry

Q.90 What should come in place of the question mark (?) in the given series?

211, 198, 175, 142, 99, ?

- Ans**
- ☒ 1. 46
 - ☐ 2. 56
 - ☐ 3. 47
 - ☐ 4. 57

Q.91 How do we customise bullets in MS Word?

- Ans**
- ☐ 1. Layout → Margins
 - ☒ 2. Home → Bullets → Define New Bullet
 - ☐ 3. Insert → Picture
 - ☐ 4. View → Zoom

Q.92 Which of the following medicines discovered by Paul Ehrlich became the first successful treatment for syphilis?

- Ans**
- ☒ 1. Salvarsan
 - ☐ 2. Penicillin
 - ☐ 3. Erythromycin
 - ☐ 4. Prontosil

Q.93 In the context of Local Area Networks (LANs), what is the primary purpose of a MAC (Media Access Control) address?

- Ans**
- ☐ 1. To provide a logical address for network routing
 - ☒ 2. To uniquely identify a network interface controller (NIC) at the data link layer
 - ☐ 3. To define the physical layout and cabling of the network
 - ☐ 4. To specify the network protocol being used for communication

Q.94 A, B, C, D, R, S and T are sitting around a circular table facing the centre of the table. T sits to the immediate right of D. Only three people sit between T and S when counted from the left of T. Only three people sit between D and C. A sits to the immediate right of R. How many people sit between B and R when counted from the left of R?

- Ans**
- ☒ 1. Two
 - ☐ 2. Four
 - ☐ 3. One
 - ☐ 4. Three

Q.95 As per the Global Gender Gap Report, 2024, what percentage of the gender gap has India closed?

- Ans**
- ☐ 1. 62.5%
 - ☐ 2. 66.3%
 - ☒ 3. 64.1%
 - ☐ 4. 60.1%

Q.96 Which of the following statements is correct regarding the Supreme Court's ruling in 'Urmila Dixit vs Sunil Sharan Dixit (January 2025)' related to the interpretation of the Maintenance and Welfare of Parents and Senior Citizens Act, 2007?

- Ans**
- ☐ 1. The Madhya Pradesh High Court ruling was upheld by the Supreme Court.
 - ☒ 2. Section 23 of the Act allows the tribunals to cancel a property transfer if basic amenities are not provided.
 - ☐ 3. The Supreme Court ruled that a gift deed without a written maintenance clause can never be cancelled.
 - ☐ 4. The Court held that tribunals under the 2007 Act cannot order possession to be transferred to senior citizens.

Q.97 In a certain code language, 'CART' is coded as '4268' and 'RISE' is coded as '3527'. What is the code for 'R' in the given code language?

- Ans**
- ☐ 1. 3
 - ☐ 2. 7
 - ☐ 3. 6
 - ☒ 4. 2

Q.98 Find the value of $\frac{\sqrt{0.04}}{\sqrt{0.0004}}$:

- Ans**
- ☐ 1. 29
 - ☐ 2. 18
 - ☐ 3. 21
 - ☒ 4. 10

Q.99 Between 2013-14 and 2022-23, how many Indians escaped multidimensional poverty, according to NITI Aayog?

- Ans**
- ☐ 1. 18.2 crore
 - ☐ 2. 12.5 crore
 - ☐ 3. 30.5 crore
 - ☒ 4. 24.82 crore

Q.100 For a regular polygon, the sum of the interior angles is 50% more than the sum of its exterior angles. Each interior angle of the polygon measures x° . What is the value of x ?

- Ans**
- ☐ 1. 112
 - ☐ 2. 88
 - ☐ 3. 96
 - ☒ 4. 108

Blackbook



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	Bihar Digital World
Test Date	17/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(2, 20, 4)

(5, 61, 6)

- Ans
- ☒ 1. (1, 8, 3)
 - ☒ 2. (4, 40, 6)
 - ☒ 3. (7, 45, 2)
 - ☒ 4. (3, 25, 4)

Q.2 Mr. Chotu starts from Point A and drives 16 km towards the North. He then takes a left turn, drives 8 km, turns left and drives 7 km. He then takes a right turn, drives 4 km, turns left and drives 12 km. He then takes a left turn and drives 18 km. He takes a final left turn, drives 3 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified).

- Ans
- ☒ 1. 6 km to the West
 - ☒ 2. 1 km to the North
 - ☒ 3. 9 km to the South
 - ☒ 4. 4 km to the East

Q.3 Among the islet cells of the pancreas, which cell type secretes the hormone that primarily raises blood glucose levels?

- Ans
- ☒ 1. Delta cells
 - ☒ 2. PP cells
 - ☒ 3. Beta cells
 - ☒ 4. Alpha cells

Q.4 Where was the field demonstration of the DEW Mk-II(A) system conducted by DRDO in 2025?

- Ans
- ☒ 1. Kurnool
 - ☒ 2. Bengaluru
 - ☒ 3. New Delhi
 - ☒ 4. Pokhran

Q.5 Seven friends, D, E, F, G, M, N and O, are sitting in a row facing north. Only five people sit between G and D. F sits to the immediate left of D. Only one person sits between F and M. O sits at some place to the left of E but at some place to the right of N. Who sits third from the left end of the line?

- Ans**
- ☒ 1. O
 - ☐ 2. F
 - ☐ 3. M
 - ☐ 4. N

Q.6 In the architecture of a Central Processing Unit (CPU), which statement accurately distinguishes the function of the Arithmetic Logic Unit (ALU) from that of the Control Unit (CU)?

- Ans**
- ☐ 1. CU executes arithmetic operations, and ALU controls program instructions.
 - ☐ 2. CU interacts directly with peripheral devices, and ALU stores temporary data.
 - ☒ 3. ALU handles calculations and logic functions; CU manages instruction flow and coordination.
 - ☐ 4. ALU decodes instructions, while CU handles data storage tasks.

Q.7 Who among the following was appointed as the Chairman of the Airports Authority of India (AAI), in October 2024?

- Ans**
- ☐ 1. Praveena Rai
 - ☐ 2. Deepak Agarwal
 - ☒ 3. Vipin Kumar
 - ☐ 4. Shashwat Sharma

Q.8 Which of the following scenarios would most effectively necessitate the use of a 'Keep with Next' paragraph formatting option in MS Word?

- Ans**
- ☒ 1. Ensuring that a heading and the paragraph immediately following it always appear on the same page
 - ☐ 2. Automatically indenting the first line of every paragraph in a document
 - ☐ 3. Preventing a long paragraph from being split across multiple pages
 - ☐ 4. Applying a consistent bullet point style to a list of items

Q.9 Prabhat, Dinesh, Yug, Monu, Sakshi, Amit and Shipra are sitting around a circular table, facing the centre. Yug sits second to the left of Amit. Prabhat sits third to the right of Amit. Monu sits to the immediate right of Dinesh. Shipra is not an immediate neighbour of Prabhat. Who sits second to the left of Dinesh?

- Ans**
- ☐ 1. Yug
 - ☒ 2. Shipra
 - ☐ 3. Sakshi
 - ☐ 4. Prabhat

Q.10 Rishika travels a certain distance at a speed of 52 km/hr and double the earlier distance at 39 km/hr. She then returns to the starting point through the same route. If her average speed for the entire journey is 56 km/h, then what is her speed (in km/hr) for the return journey?

- Ans**
- ☐ 1. 87
 - ☒ 2. 81.9
 - ☐ 3. 76
 - ☐ 4. 83.8

Q.11 Which of the following government schemes focuses on the development of urban infrastructure in India?

- Ans**
- ☒ 1. AMRUT
 - ☐ 2. RURBAN Mission
 - ☐ 3. PMGSY
 - ☐ 4. MGNREGA

Q.12 Which of the following states is NOT covered by the Ganga Plain?

- Ans**
- ☒ 1. Punjab
 - ☐ 2. West Bengal
 - ☐ 3. Bihar
 - ☐ 4. Haryana

Q.13 Ramesh can complete a piece of work alone in 16 days and Suresh can complete the same piece of work alone in 10 days. They started the work together, but Ramesh had to leave 4 days before the completion of the work. In how many days will the work get completed?

- Ans**
- ☐ 1. $7\frac{2}{13}$ days
 - ☐ 2. $7\frac{5}{13}$ days
 - ☒ 3. $7\frac{9}{13}$ days
 - ☐ 4. $7\frac{8}{13}$ days

Q.14 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
QJL OHJ MFH KDF ?

- Ans**
- ☐ 1. IBE
 - ☐ 2. IAD
 - ☒ 3. IBD
 - ☐ 4. IAE

Q.15 The Securities and Exchange Board of India (SEBI) has reduced the minimum investment for Zero Coupon Zero Principal (ZCZP) in the Social Stock Exchange (SSE) from ₹10,000 to ____.

- Ans**
- ☐ 1. ₹2,000
 - ☒ 2. ₹1,000
 - ☐ 3. ₹500
 - ☐ 4. ₹1,500

Q.16 The median of the observations 60, 43, 24, 61, 72, 26, 39, 62, 49, 95 and 38 is:

- Ans**
- ☐ 1. 62
 - ☐ 2. 43
 - ☐ 3. 60
 - ☒ 4. 49

Q.17 What should come in place of the question mark (?) in the given series?

4 10 22 46 94 190 ?

- Ans**
- ☒ 1. 382
 - ☐ 2. 390
 - ☐ 3. 380
 - ☐ 4. 384

Q.18 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans** ☒ 1. QTP
 ☐ 2. MPK
 ☐ 3. ORM
 ☐ 4. KNI

Q.19 Which of the following terms was used for tanks or ponds in Gupta records?

- Ans** ☐ 1. Nadi
 ☐ 2. Prapa
 ☒ 3. Tadaga
 ☐ 4. Kshetra

Q.20 Which physiographic feature lies parallel to the Shiwaliks and is about 8-16 km wide?

- Ans** ☒ 1. Bhabar
 ☐ 2. Delta
 ☐ 3. Doab
 ☐ 4. Terai

Q.21 In the context of the 2024 Haryana Assembly elections, which of the following statements is/are correct?

1. The BJP retained power with a clear majority.
2. BJP increased its seats compared to the 2019 Assembly elections.
3. Congress decreased its seats compared to the 2019 elections.
4. The vote share difference between BJP and Congress was narrow, with BJP securing 39.94% and Congress 39.09%.

- Ans** ☐ 1. Only 2 and 4
 ☐ 2. Only 1
 ☒ 3. Only 1, 2 and 4
 ☐ 4. Only 1 and 3

Q.22 Two taps can fill a cistern in 3 hours and 57 hours, respectively. A third tap can empty it in 3 hours. How long (in hours) will it take to fill one-third of the empty cistern, if all of them are opened together?

- Ans** ☐ 1. 57
 ☐ 2. 20
 ☐ 3. 58
 ☒ 4. 19

Q.23 A person saves 30% of his income. If his expenditure is ₹560, then his income (in ₹) is:

- Ans** ☐ 1. 392
 ☐ 2. 840
 ☐ 3. 168
 ☒ 4. 800

Q.24 A sum when invested at the rate of 12.5% simple interest per annum, amounts to ₹7,500 after 2 years. The simple interest (in ₹) for the given time period is:

- Ans**
- ☐ 1. 1,700
 - ☐ 2. 1,400
 - ☒ 3. 1,500
 - ☐ 4. 1,600

Q.25 Besides resolving disputes, what power do the Nyaya Panchayats have in India?

- Ans**
- ☒ 1. Imposing fines on offenders
 - ☐ 2. Managing village agriculture
 - ☐ 3. Levying taxes for village development
 - ☐ 4. Issuing binding contracts

Q.26 What is the median of the following distribution?

Class	120-170	170-220	220-270	270-320	320-370
Frequency	18	34	17	13	22

- Ans**
- ☐ 1. 216
 - ☐ 2. 227
 - ☒ 3. 220
 - ☐ 4. 224

Q.27 Chetan starts from Point Y and drives 37 km towards the south. He then takes a right turn, drives 18 km, turns right and drives 58 km. He then takes a left turn and drives 61 km. He takes a left turn, drives 21 km and stops at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)

- Ans**
- ☐ 1. 64 km towards the west
 - ☐ 2. 43 km towards the west
 - ☐ 3. 39 km towards the south
 - ☒ 4. 79 km towards the east

Q.28 The 1991 reforms promoted deregulation of industries. Which industry continued to be reserved for public sector post-1991 reforms?

- Ans**
- ☐ 1. Textile
 - ☐ 2. Automobiles
 - ☐ 3. Electronics
 - ☒ 4. Atomic energy

Q.29 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. YH – CV
 - ☒ 2. BK – EY
 - ☐ 3. KT – OH
 - ☐ 4. JS – NG

Q.30 Find the simplified value of $[81 \div \{21 + 9 \times (5 - 7)\}]$.

- Ans**
- ☒ 1. 27
 - ☐ 2. 25
 - ☐ 3. 26
 - ☐ 4. 24

Q.31 Which of the following architectures was built by Aurangzeb?

- Ans**
- ☐ 1. Qutub Minar
 - ☒ 2. Bibi-ka-Maqbara
 - ☐ 3. Taj Mahal
 - ☐ 4. Humayun's tomb

Q.32 If $\sin A = \frac{4}{5}$, then find the value of $(2 + \tan A)(4 + \cos A)$.

- Ans**
- ☒ 1. $\frac{46}{3}$
 - ☐ 2. $\frac{208}{15}$
 - ☐ 3. $\frac{3}{46}$
 - ☐ 4. $\frac{15}{208}$

Q.33 Who among the following was a radical rationalist and iconoclast in Maharashtra?

- Ans**
- ☐ 1. Ganesh Vasudev Joshi
 - ☒ 2. Gopal Ganesh Agarkar
 - ☐ 3. Vishnushastri Chiplunkar
 - ☐ 4. Bhaskar Pandurang

Q.34 The Thar Desert serves as a natural boundary between:

- Ans**
- ☐ 1. India and Afghanistan
 - ☒ 2. India and Pakistan
 - ☐ 3. India and China
 - ☐ 4. India and Nepal

Q.35 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: EPV :: RFS : %

- Ans**
- ☒ 1. # = DNU, % = SHT
 - ☐ 2. # = CNU, % = THV
 - ☐ 3. # = COW, % = SGQ
 - ☐ 4. # = DMU, % = SGL

Q.36 HL 17 is related to KM -4 in a certain way. In the same way, LN 12 is related to OO -9. To which of the given options is UR 4 related, following the same logic?

- Ans**
- ☒ 1. XS -17
 - ☐ 2. IX -15
 - ☐ 3. OZ -18
 - ☐ 4. VR 16

Q.37 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

HLF : JOH
UYR : WBT

- Ans**
- ☒ 1. SFJ : UIL
 - ☐ 2. SEK : VRT
 - ☐ 3. MPQ : RMT
 - ☐ 4. MFL : XRL

Q.38 The volume (in cm^3) of a wire of diameter 6 cm and length 56 m is:

Take $\pi = \frac{22}{7}$

- Ans**
- ☐ 1. 1,59,000
 - ☐ 2. 1,58,800
 - ☐ 3. 1,57,800
 - ☒ 4. 1,58,400

Q.39 4 times the present age of P exceeds the present age of Q by 35 years. After 8 years, 2 times the age of Q will be 40 years less than 6 times the age of P. The present age of Q (in years) is:

- Ans**
- ☒ 1. 89
 - ☐ 2. 97
 - ☐ 3. 80
 - ☐ 4. 84

Q.40 In a certain code language, 'GATE' is coded as '6148' and 'TIPS' is coded as '5721'. What is the code for 'T' in the given code language?

- Ans**
- ☒ 1. 1
 - ☐ 2. 7
 - ☐ 3. 5
 - ☐ 4. 4

Q.41 Sharda Sinha received the Padma Vibhushan posthumously in 2025 in which of the following fields?

- Ans**
- ☐ 1. Medicine
 - ☐ 2. Spiritualism
 - ☒ 3. Art
 - ☐ 4. Sports

Q.42 Which Indian Constitutional Amendment Act have decreased the Fundamental Rights from seven to six?

- Ans**
- ☐ 1. 42nd Constitutional Amendment Act
 - ☐ 2. 76th Constitutional Amendment Act
 - ☒ 3. 44th Constitutional Amendment Act
 - ☐ 4. 35th Constitutional Amendment Act

Q.43 In October 2024, the Indian government notified rules under the Jan Vishwas (Amendment of Provisions) Act, 2023. What was a key objective of this legislation?

- Ans**
- ☐ 1. To establish a unified grievance redressal portal for all central ministries
 - ☒ 2. To convert minor offenses under various laws from criminal to civil penalties
 - ☐ 3. To expand the RTI Act to cover private educational institutions
 - ☐ 4. To legalise digital signatures for land registration documents

Q.44 The greatest number that divides 48 and 46 leaving remainders 9 and 7, respectively, is:

- Ans**
- ☒ 1. 39
 - ☐ 2. 47
 - ☐ 3. 46
 - ☐ 4. 43

Q.45 This question is based on the five, three-digit numbers given below.

(Left) 941 915 741 807 776 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is added to the first digit of the lowest number?

- Ans
- ☐ 1. 7
 - ☒ 2. 8
 - ☐ 3. 9
 - ☐ 4. 11

Q.46 A seller marks their goods 45% above the cost price. On customer demand, they offer a 60% reduction on the bills. What percentage of profit or loss does the seller make?

- Ans
- ☐ 1. 39% profit
 - ☐ 2. 41% loss
 - ☐ 3. 45% loss
 - ☒ 4. 42% loss

Q.47 Which of the following systems was abolished by the Nineteenth Amendment Act, 1966?

- Ans
- ☐ 1. Zamindari system
 - ☒ 2. Election tribunals
 - ☐ 3. Separate electorate system
 - ☐ 4. Privy purse system

Q.48 Where did the International Summit on the Future of Energy Security take place in April 2025?

- Ans
- ☐ 1. Berlin, Germany
 - ☒ 2. London, United Kingdom
 - ☐ 3. Paris, France
 - ☐ 4. Tokyo, Japan

Q.49 The side AB and AC of $\triangle ABC$ are produced to points D and E, respectively. The bisectors of $\angle CBD$ and $\angle BCE$ meet at P. If $\angle A = 84^\circ$, then



- Ans
- ☐ 1. 66°
 - ☐ 2. 36°
 - ☒ 3. 48°
 - ☐ 4. 56°

Q.50 A boat travels 176 km upstream in 16 hours and 85 km downstream in 5 hours. What is the speed of the boat in still water?

- Ans
- ☐ 1. 20 km/hr
 - ☐ 2. 23 km/hr
 - ☐ 3. 24 km/hr
 - ☒ 4. 14 km/hr

Q.51 The average score of 10 players was initially recorded as 55. However, it was later discovered that a score of 84 had been mistakenly read as 48. Determine the correct average score.

- Ans**
- ☐ 1. 55.5
 - ☐ 2. 50
 - ☐ 3. 48.5
 - ☒ 4. 58.6

Q.52 Which of the following categories of MSMEs constitutes the major share of MSME registration on the Udyam Registration Portal?

- Ans**
- ☐ 1. Medium
 - ☐ 2. Large
 - ☐ 3. Small
 - ☒ 4. Micro

Q.53 What is the significance of pipelining in CPU architecture?

- Ans**
- ☐ 1. Transfers data between registers
 - ☒ 2. Executes multiple instructions simultaneously by overlapping stages
 - ☐ 3. Stores instructions in memory
 - ☐ 4. Increases clock speed using multiple cores

Q.54 The ratio of 39 hours to 17 days is:

- Ans**
- ☐ 1. 39 : 17
 - ☐ 2. 14 : 143
 - ☒ 3. 13 : 136
 - ☐ 4. 12 : 142

Q.55 Seven boxes, D, E, F, G, S, T and U, are kept one over the other but not necessarily in the same order. No box is kept above F. Only three boxes are kept between F and S. Only one box is kept between D and E. E is kept immediately above S. Only four boxes are kept between D and G. T is kept at some place above U. Which box is kept second below T?

- Ans**
- ☒ 1. S
 - ☐ 2. D
 - ☐ 3. G
 - ☐ 4. F

Q.56 Which of the following statements regarding the Exercise INDRA held in March-April 2025 is/are correct?

1. The exercise included participation of Russian Federation Naval Ships Pechanga, Rezkiy, and Aldar Tsydenzhapov, along with Indian Naval Ships Rana, Kuthar, and Maritime Patrol Aircraft P8I.
2. The exercise was conducted in two phases: Harbour phase in Chennai and Sea phase in the Arabian Sea.
3. This was the 13th edition of Exercise INDRA , symbolises the long-term strategic relationship between India and Russia.

- Ans**
- ☐ 1. 1, 2 and 3
 - ☐ 2. Only 1 and 3
 - ☒ 3. Only 1
 - ☐ 4. Only 2 and 3

Q.57 In a certain code language, 'MICE' is coded as '6398' and 'PEAR' is coded as '3215'. What is the code for 'E' in the given code language?

- Ans** ☒ 1. 3
☐ 2. 2
☐ 3. 5
☐ 4. 8

Q.58 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$215 \div 4 + 822 \times 3 - 45 = ?$$

- Ans** ☐ 1. 581
☐ 2. 691
☒ 3. 631
☐ 4. 521

Q.59 Which ruler of the Delhi Sultanate was associated with the expedition to Bhilsa (Vidisha) in AD 1292?

- Ans** ☒ 1. Alauddin Khilji
☐ 2. Iltutmish
☐ 3. Ghazi Malik
☐ 4. Ulugh Khan

Q.60 If the manufacturer gains 10%, the wholesale gains 15% and the retailer gains 25%, then find the cost of production of a table (in ₹), whose retail price for the customer is ₹31,900.

(NOTE: Manufacturer sells to wholesaler, wholesaler sells to retailer and retailer sells to customers.)

- Ans** ☒ 1. 20,000
☐ 2. 22,000
☐ 3. 23,200
☐ 4. 25,000

Q.61 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

QT-OR-MP
XA-VY-TW

- Ans** ☐ 1. NQ-LO-JN
☐ 2. AD-YB-VZ
☒ 3. TW-RU-PS
☐ 4. JM-HK-FJ

Q.62 Find a single discount (rounded up to two decimal places) equal to three consecutive discounts of 26%, 29% and 2%.

- Ans** ☐ 1. 47.12%
☐ 2. 47.56%
☐ 3. 48.86%
☒ 4. 48.51%

Q.63 Which river system is known for forming gorges in the Himalayan region?

- Ans** ☐ 1. Tapti
☐ 2. Godavari
☐ 3. Penner
☒ 4. Brahmaputra

Q.64 The addition of H^+ ions to the equilibrium $CH_3COOH \rightleftharpoons CH_3COO^- + H^+$ will:

- Ans**
- ☐ 1. Stop the reaction
 - ☐ 2. Shift the equilibrium right
 - ☐ 3. Lead to no change
 - ☒ 4. Shift the equilibrium left

Q.65 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
 (NOTE: All numbers are single digit numbers only.)

(Left) 8 9 # 1 9 © 3 5 © € @ # £ @ * © 5 £ € 5 4 4 (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans**
- ☐ 1. 5
 - ☐ 2. 2
 - ☐ 3. 4
 - ☒ 4. 3

Q.66 Who among the following is the political head of the municipality in India?

- Ans**
- ☒ 1. Chairman
 - ☐ 2. Mayor
 - ☐ 3. Chief Municipal Officer
 - ☐ 4. Municipal Commissioner

Q.67 Which colonial power held Yanaon (Yanam) and Chandernagore as part of its possessions in India?

- Ans**
- ☒ 1. French
 - ☐ 2. German
 - ☐ 3. Portuguese
 - ☐ 4. Austrian

Q.68 If $a^2 + b^2 = 169$, $a \times b = 10$, and $a > b$, find $\frac{a - b}{a + b}$.

- Ans**
- ☐ 1. $\sqrt{\frac{158}{199}}$
 - ☐ 2. $\frac{158}{199}$
 - ☒ 3. $\sqrt{\frac{149}{189}}$
 - ☐ 4. $\frac{149}{189}$

Q.69 Who among the following has been appointed as 26th Chief Election Commissioner of India in February 2025?

- Ans**
- ☒ 1. Gyanesh Kumar
 - ☐ 2. Sanjay Malhotra
 - ☐ 3. Ashish Naithani
 - ☐ 4. Vineet Joshi

Q.70 Which of the following Articles of the Indian Constitution states about the Official Language Commission in India?

- Ans**
- ☐ 1. Article 342
 - ☐ 2. Article 343
 - ☐ 3. Article 341
 - ☒ 4. Article 344

Q.71 The sum of five numbers is 655. The average of the first two numbers is 77 and the third number is 101. Find the average of the remaining two numbers.

- Ans**
- ☐ 1. 201
 - ☐ 2. 178
 - ☒ 3. 200
 - ☐ 4. 179

Q.72 The period from 1905 to 1917 is known as the "Extremist Phase" in the Indian National Movement. Which of the following leaders was NOT associated with the extremist ideology during this time?

- Ans**
- ☒ 1. Gopal Krishna Gokhale
 - ☐ 2. Bal Gangadhar Tilak
 - ☐ 3. Lala Lajpat Rai
 - ☐ 4. Bipin Chandra Pal

Q.73 Find the area of four walls of a cube, the length of whose edge is $(3x +$

- Ans**
- ☐ 1. $(36x^2 + 184y^2 + 100 + 192xy + 160y + 80x) \text{ m}^2$
 - ☐ 2. $(36x^2 + 256y^2 + 100 + 192xy + 160y + 120x) \text{ m}^2$
 - ☐ 3. $(36x^2 + 124y^2 + 100 + 82xy + 160y + 80x) \text{ m}^2$
 - ☒ 4. $(36x^2 + 256y^2 + 100 + 192xy + 320y + 120x) \text{ m}^2$

Q.74 Which of the following best describes the function of a 'Section Break (Next Page)' in MS Word?

- Ans**
- ☐ 1. It inserts a manual line break within the same paragraph.
 - ☒ 2. It ends the current section and starts a new section on the subsequent page.
 - ☐ 3. It creates a visual divider between different parts of the document on the same page.
 - ☐ 4. It starts a new paragraph while maintaining the same formatting.

Q.75 Amit had invested the same amount of sums at simple as well as compound interest, compounded annually. The time period of investment for both the sums was 2 years and rate of interest too was same, 4% per annum. At the end, he found a difference of ₹44 in both the interests received. What were the sums (in ₹) invested?

- Ans**
- ☐ 1. ₹27,850
 - ☐ 2. ₹26,600
 - ☒ 3. ₹27,500
 - ☐ 4. ₹26,750

Q.76 In a certain code language, 'LIFE' is coded as '4268' and 'FUND' is coded as '3527'. What is the code for 'F' in the given code language?

- Ans**
- ☐ 1. 6
 - ☐ 2. 7
 - ☐ 3. 3
 - ☒ 4. 2

Q.77 The BPO industry emerged due to globalisation. What is a key feature of Business Process Outsourcing (BPO)?

- Ans**
- ☐ 1. Domestic services only
 - ☒ 2. Providing services to foreign companies from India
 - ☐ 3. Manufacturing heavy goods
 - ☐ 4. Government ownership

Q.78 Which of the following numbers is divisible by 22?

- Ans**
- ☐ 1. 7019
 - ☐ 2. 8371
 - ☐ 3. 7664
 - ☒ 4. 7986

Q.79 Suzanne Collins' novel published in 2025 is titled:

- Ans**
- ☒ 1. Sunrise on the Reaping
 - ☐ 2. Le Grand Bleu
 - ☐ 3. The Crimson Rivers
 - ☐ 4. Léon: The Professional

Q.80 What will come in the place of the question mark (?) in the following equation, if '+' is replaced by '-' and 'x' and '+' are interchanged?

$$20 \div 5 + 8 \times 2 + 1 = ?$$

- Ans**
- ☒ 1. 95
 - ☐ 2. 85
 - ☐ 3. 90
 - ☐ 4. 80

Q.81 This question is based on the five, three-digit numbers given below.

(Left) 411 559 916 247 769 (Right)

(Example- 697 - First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the lowest number is subtracted from the first digit of the highest number?

- Ans**
- ☐ 1. 8
 - ☐ 2. 10
 - ☐ 3. 6
 - ☒ 4. 7

Q.82 Which of the following abbreviations represents a volatile memory technology commonly used for the primary working memory in personal computers?

- Ans**
- ☐ 1. SRAM
 - ☐ 2. CMOS
 - ☒ 3. DRAM
 - ☐ 4. NVMe

Q.83 If '+' means 'subtraction', '-' means 'multiplication', 'x' means 'division' and '÷' means 'addition', then what will come in place of the question mark (?) in the following equation?

$$109 \div 76 \times 4 - 5 + 18 = ?$$

- Ans**
- ☒ 1. 186
 - ☐ 2. 191
 - ☐ 3. 189
 - ☐ 4. 201

Q.84 Which state recorded the lowest unemployment rate according to the PLFS 2022-23?

- Ans**
- ☐ 1. Karnataka
 - ☐ 2. Gujarat
 - ☒ 3. Tripura
 - ☐ 4. Maharashtra

Q.85 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

Some hens are pigeons.

All pigeons are crows.

All crows are mynahs.

Conclusions:

(I) Some hens are mynahs.

(II) Some mynahs are pigeons.

- Ans**
- ☒ 1. Both conclusions (I) and (II) follow
 - ☐ 2. Only conclusion (I) follows
 - ☐ 3. Only conclusion (II) follows
 - ☐ 4. Neither conclusion (I) nor conclusion (II) follows

Q.86 Rajat ranked 16th from the top and 55th from the bottom in his class. How many students are there in his class?

- Ans**
- ☐ 1. 71
 - ☐ 2. 72
 - ☐ 3. 69
 - ☒ 4. 70

Q.87 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. V has an exam on Friday. Exactly 3 people have exams between Q and S, neither of whom has an exam on Sunday. P has an exam immediately after U. T has an exam immediately before S. How many people have exams before U?

- Ans**
- ☐ 1. 4
 - ☒ 2. 2
 - ☐ 3. 3
 - ☐ 4. 1

Q.88 The curved surface area of a cylinder is half of its total surface area. If its height is 12 cm, then find its diameter (in cm).

- Ans** ☒ 1. 24
☐ 2. 22
☐ 3. 33
☐ 4. 20

Q.89 For $7x^2 - 4x + k = 0$, determine the value of k so that the equation has equal roots.

- Ans** ☐ 1. $\frac{4}{11}$
☐ 2. $\frac{3}{7}$
☐ 3. $\frac{4}{5}$
☒ 4. $\frac{4}{7}$

Q.90 The area of a quadrilateral ABCD is 299 cm^2 . The lengths of the perpendiculars from the vertices B and D to the diagonal AC are 11 cm and 12 cm, respectively. Determine the length (in cm) of the diagonal AC.

- Ans** ☒ 1. 26
☐ 2. 24
☐ 3. 29
☐ 4. 21

Q.91 The maximum number of Buddhist stupas had been built by which of the following rulers?

- Ans** ☐ 1. Bimbisara
☐ 2. Chandragupta Maurya
☒ 3. Ashoka
☐ 4. Pushyamitra Sunga

Q.92 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$187 \div 3 + 168 \times 2 - 174 = ?$$

- Ans** ☒ 1. 651
☐ 2. 652
☐ 3. 654
☐ 4. 653

Q.93 R is the wife of A. F is the son of A. G is the sister of T. T is the brother of F. How is T related to R?

- Ans** ☐ 1. Brother's son
☒ 2. Son
☐ 3. Sister's son
☐ 4. Brother

Q.94 What should come in place of the question mark (?) in the given series?

$$21 \ 24 \ 33 \ 48 \ 69 \ 96 \ ?$$

- Ans** ☐ 1. 141
☐ 2. 116
☒ 3. 129
☐ 4. 138

Q.95

Find the value of $\frac{\sqrt{0.038025}}{\sqrt{0.004225}}$.

Ans ☒ 1. 3

☐ 2. 11

☐ 3. 6

☐ 4. 21

Q.96 Which metals are generally used for electrical transmission lines?

Ans ☐ 1. Iron and nickel

☐ 2. Zinc and lead

☒ 3. Copper and aluminium

☐ 4. Silver and gold

Q.97 A man spends 28% of his monthly salary on house rent. If every month, he also spends ₹687 on conveyance and ₹7,483 on grocery and saves the remaining ₹218, his monthly salary is:

Ans ☐ 1. ₹11,743

☒ 2. ₹11,650

☐ 3. ₹11,738

☐ 4. ₹11,594

Q.98 Where was the 2024 United Nations Biodiversity Convention (COP16) initially held?

Ans ☐ 1. Rome, Italy

☒ 2. Cali, Colombia

☐ 3. Nairobi, Kenya

☐ 4. Montreal, Canada

Q.99 If $7 : 14 :: 8.7 : x$ and $5 : 35 :: 7 : y$. What is the ratio of x to y ?

Ans ☐ 1. 85 : 246

☐ 2. 88 : 243

☒ 3. 87 : 245

☐ 4. 91 : 255

Q.100 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

ELX IJT MHP ? UDH

Ans ☒ 1. QFL

☐ 2. QFK

☐ 3. QGL

☐ 4. QGK



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	iON Digital Zone iDZ Siliguri
Test Date	18/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

- Q.1** Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week.
Only three people have exams after R. P has the exam immediately after R, but before Q. S has the exam before U but after V. T has the exam on Sunday.

How many people have exams between P and S?

- Ans** ☒ 1. One
☒ 2. Three
☒ 3. Two
☒ 4. Four

- Q.2** Gyanesh starts from Point Y and drives 11 km towards the south. He then takes a left turn, drives 45 km, turns right and drives 29 km. He then takes a right turn and drives 18 km. He takes a right turn, drives 13 km. He then turns right, drives 29 km, turns left and drives 27 km to stop at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)

- Ans** ☒ 1. 51 km towards the east
☒ 2. 56 km towards the west
☒ 3. 61 km towards the west
☒ 4. 53 km towards the north

- Q.3** A, B, C, D, E, F, and G are sitting around a circular table facing the centre.
Only C sits between A and E. E sits third to the left of D. B sits to the immediate left of D. G is not an immediate neighbour of E.
How many people sit between C and G when counted from the right of C?

- Ans** ☒ 1. One
☒ 2. Three
☒ 3. Four
☒ 4. Two

- Q.4** In renal physiology, which segment of the nephron is most critical for generating the osmotic gradient that concentrates urine?

- Ans** ☒ 1. Distal convoluted tubule
☒ 2. Loop of Henle
☒ 3. Collecting duct
☒ 4. Proximal convoluted tubule

Q.5 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. MOJ
 - ☐ 2. IKF
 - ☐ 3. GID
 - ☒ 4. KMG

Q.6 Chords AB and CD of a circle intersect externally at P. If AB = 7 cm, CD = 1 cm and PD = 5 cm, then the length of PB (in cm) is:

- Ans**
- ☒ 1. 3
 - ☐ 2. 2
 - ☐ 3. 5
 - ☐ 4. 4

Q.7 In a certain code language, 'RACE' is coded as '6259' and 'ANTS' is coded as '7941'. What is the code for 'A' in the given code language?

- Ans**
- ☐ 1. 7
 - ☒ 2. 9
 - ☐ 3. 1
 - ☐ 4. 2

Q.8 What is the primary objective of 'Srjanam', the biomedical waste conversion system launched in 2025?

- Ans**
- ☐ 1. To develop a new method for incineration
 - ☒ 2. To reduce environmental hazards by eliminating incineration
 - ☐ 3. To promote traditional biomedical waste disposal methods
 - ☐ 4. To increase the use of landfills for biomedical waste

Q.9 Which uprising in Uttar Pradesh, led by Mufti Muhammad Aiwaz, was among the most significant revolts against British rule in India prior to the First War of Independence in 1857?

- Ans**
- ☐ 1. Kol Uprisings
 - ☐ 2. Chuar Rebellion
 - ☐ 3. Santhal Rebellion
 - ☒ 4. Bareilly Uprisings

Q.10 The speed limit on a highway has the dimension of:

- Ans**
- ☐ 1. Time over length
 - ☐ 2. Time
 - ☒ 3. Length over time
 - ☐ 4. Mass

Q.11 If the selling price of a bed is 2-times of initial, then the profit is 6-times of initial. Find the initial profit percentage (in %).

- Ans**
- ☒ 1. 25
 - ☐ 2. 200
 - ☐ 3. 33.33
 - ☐ 4. 300

Q.12 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

KNR : HKS

TGK : QDL

- Ans**
- ☒ 1. LOQ : FJU
 - ☒ 2. FXL : CUM
 - ☒ 3. GCP : EHR
 - ☒ 4. HMI : DKL

Q.13 Which of the following is the main purpose of using the 'Ctrl + S' keyboard shortcut while working on an MS PowerPoint presentation?

- Ans**
- ☒ 1. To close the presentation window immediately
 - ☒ 2. To start a slideshow from the beginning
 - ☒ 3. To save the current changes made to the file
 - ☒ 4. To share the presentation via email

Q.14 The President's power to seek the Supreme Court's opinion on questions of law comes under _____.

- Ans**
- ☒ 1. Article 143
 - ☒ 2. Article 131
 - ☒ 3. Article 136
 - ☒ 4. Article 226

Q.15 Find the value of $\frac{\cos 35^\circ}{\sin 55^\circ} + \frac{\sin 11^\circ}{\cos 79^\circ} - 2\cos 27^\circ \operatorname{cosec} 63^\circ$.

- Ans**
- ☒ 1. 0
 - ☒ 2. -1
 - ☒ 3. 2
 - ☒ 4. 1

Q.16 GCKH is related to EAIF in a certain way based on the English alphabetical order. In the same way, JFNK is related to HDLI. To which of the given options is MIQN related, following the same logic?

- Ans**
- ☒ 1. KGLO
 - ☒ 2. GKLO
 - ☒ 3. GKOL
 - ☒ 4. KGOL

Q.17 A solid metal hemisphere has a radius of 6 cm. If the metal of the hemisphere is melted and recast into a cylindrical shape with the same radius, find the height of the cylinder.

- Ans**
- ☒ 1. 12 cm
 - ☒ 2. 6 cm
 - ☒ 3. 4 cm
 - ☒ 4. 8 cm

Q.18 Overall, the Panchayati Raj system in India is designed to promote:

- Ans**
- ☒ 1. economic austerity across the country for people's betterment
 - ☒ 2. democratic governance and empowerment at the grassroots level
 - ☒ 3. central control over local areas across the country
 - ☒ 4. international funding for local projects, ensuring adequate development

Q.19 This question is based on the five, three-digit numbers given below.

(Left) 143 656 651 264 282 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is subtracted from the third digit of the lowest number?

- Ans**
- ☒ 1. -3
 - ☐ 2. 0
 - ☐ 3. -2
 - ☐ 4. -4

Q.20 In 2024, India became the world's top milk producer with a production of 239 million metric tons. Which government initiative significantly contributed to this achievement?

- Ans**
- ☐ 1. White Revolution
 - ☒ 2. Rashtriya Gokul Mission
 - ☐ 3. Operation Milk
 - ☐ 4. National Dairy Development Program

Q.21 Which of the following is the SI unit for sound intensity?

- Ans**
- ☒ 1. Watt per square metre (W/m^2)
 - ☐ 2. Metre per second (m/s)
 - ☐ 3. Watt (W)
 - ☐ 4. Pascal (Pa)

Q.22 In a certain code language, 'OILY' is coded as '1357' and 'LACE' is coded as '8643'. What is the code for 'L' in the given language?

- Ans**
- ☐ 1. 7
 - ☒ 2. 3
 - ☐ 3. 8
 - ☐ 4. 5

Q.23 A train is 591 m and it crosses a platform in 1.7 minutes running at the speed of 36 km/hr. Find the difference between the length of the train and the platform.

- Ans**
- ☐ 1. 171 m
 - ☐ 2. 159 m
 - ☐ 3. 170 m
 - ☒ 4. 162 m

Q.24 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

12 - 14 - 16 - 20; 14 - 16 - 18 - 22

- Ans**
- ☒ 1. 3 - 5 - 7 - 11
 - ☐ 2. 13 - 15 - 17 - 32
 - ☐ 3. 4 - 8 - 16 - 32
 - ☐ 4. 19 - 20 - 22 - 44

Q.25 What is the total budget allocation for infrastructure spending in India for 2023-24?

- Ans**
- ☒ 1. ₹10 lakh crore
 - ☐ 2. ₹5 lakh crore
 - ☐ 3. ₹7 lakh crore
 - ☐ 4. ₹9 lakh crore

Q.26 Which of the following is the easternmost international border point of India?

- Ans**
- ☐ 1. Rohtang
 - ☒ 2. Kibithu
 - ☐ 3. Nathu La
 - ☐ 4. Lipulekh

Q.27 The ratio of three numbers is 5 : 16 : 21. If 20 percent of the first number is 26, what would be 40 percent of the difference of the third and second number?

- Ans**
- ☐ 1. 51
 - ☐ 2. 54
 - ☐ 3. 50
 - ☒ 4. 52

Q.28 A and B can do a piece of work in 12 days and 18 days, respectively. Both work for 2 days and then A goes away and B completed the remaining work alone. The whole work was completed in _____ days.

- Ans**
- ☐ 1. 13
 - ☒ 2. 15
 - ☐ 3. 16
 - ☐ 4. 14

Q.29 If it is 12 noon at IST (82°30'E), what time is it approximately at 97°30'E longitude?

- Ans**
- ☐ 1. 1:20 PM
 - ☐ 2. 11:00 AM
 - ☐ 3. 12:30 PM
 - ☒ 4. 1:00 PM

Q.30 In January 2025, which of the following individuals was appointed as the Chairman of the Indian Space Research Organisation (ISRO)?

- Ans**
- ☐ 1. G Madhavan Nair
 - ☐ 2. K Sivan
 - ☒ 3. V Narayanan
 - ☐ 4. Tapan Misra

Q.31 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1385762, then what will the sum of the digits that are second from the left and third from the right in the new number thus formed be?

- Ans**
- ☐ 1. 10
 - ☐ 2. 11
 - ☐ 3. 13
 - ☒ 4. 12

Q.32 With reference to computing, what does ASCII stand for?

- Ans**
- ☒ 1. American Standard Code for Information Interchange
 - ☐ 2. American Standard Code for Information Integrity
 - ☐ 3. American Systematic Code for International Interoperability
 - ☐ 4. Algorithmic Standard Code for International Information

Q.33 Seven boxes, A, B, C, D, E, F and G, are kept one over the other, but not necessarily in the same order. Only three boxes are kept above G. Only one box is kept between A and G. Only three boxes are kept between A and F. F is kept at some place above G. B is kept immediately below F. D is kept at one of the places above E. C is not kept immediately above or below A. How many boxes are kept above D?

- Ans**
- ☒ 1. 4
 - ☐ 2. 3
 - ☐ 3. 2
 - ☐ 4. 1

Q.34 Simplify: $\left[(22 \times 6) \times \left\{ 8 \div 4 \times \left(15 - \frac{11}{4} \right) \right\} \right]$

- Ans**
- ☐ 1. 3262
 - ☐ 2. 3277
 - ☐ 3. 3275
 - ☒ 4. 3234

Q.35 By the 1970s, Public Sector Units (PSUs) had become dominant in the Indian industry. What criticism did they frequently face?

- Ans**
- ☐ 1. High competition from private multinational corporations
 - ☐ 2. Excessive foreign ownership and capital outflow
 - ☒ 3. Operational inefficiencies, low productivity, and financial losses
 - ☐ 4. Over-reliance on export markets for revenue

Q.36 If + means $\times$, $\times$ means $\div$, $\div$ means $+$, then what will come in place of the question mark (?) in the following equation?

$$96 \times 6 - 8 \div 71 + 26 = ?$$

- Ans**
- ☐ 1. 194
 - ☐ 2. 186
 - ☐ 3. 181
 - ☒ 4. 173

Q.37 On 26 February 2025, the Centre for Science and Environment (CSE) and Down To Earth (DTE) magazine released their annual publication 'State of India's Environment' from which state?

- Ans**
- ☐ 1. Gujarat
 - ☐ 2. West Bengal
 - ☒ 3. Rajasthan
 - ☐ 4. Kerala

Q.38 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.
TPY URS VTM WVG ?

- Ans**
- ☐ 1. XWA
 - ☒ 2. XXA
 - ☐ 3. XXB
 - ☐ 4. XWZ

Q.39 What percentage of the workforce in India was self-employed in 2023-24, reflecting a growing trend towards entrepreneurship, as per the Economic Survey Report, 2024-25?

- Ans**
- ☐ 1. 48.2%
 - ☐ 2. 62.8%
 - ☐ 3. 52.6%
 - ☒ 4. 58.4%

Q.40 Desert soil is mostly found in which Indian state?

- Ans**
- ☐ 1. Tamil Nadu
 - ☐ 2. Kerala
 - ☒ 3. Rajasthan
 - ☐ 4. Uttar Pradesh

Q.41 Which of the following accurately describes the Indian President's role in foreign affairs?

- Ans**
- ☐ 1. The President only receives foreign ambassadors but does not appoint them.
 - ☒ 2. The President appoints ambassadors and conducts diplomatic work in his/her name.
 - ☐ 3. The President is solely responsible for negotiating international treaties without any advisory input.
 - ☐ 4. The President delegates all foreign affairs responsibilities to the Prime Minister.

Q.42 The median of the observations 59, 67, 17, 38, 88, 61, 80, 91, 30, 48 and 80 is:

- Ans**
- ☐ 1. 58
 - ☐ 2. 67
 - ☒ 3. 61
 - ☐ 4. 59

Q.43 Which of the following correctly characterises the regulatory and structural aspects of the NPS Vatsalya scheme, as launched in 2024?

The scheme is administered by the Pension Fund Regulatory and Development Authority (PFRDA).

Contributions under NPS Vatsalya are pooled into a government-managed consolidated fund without individual accounts.

The scheme allows a smooth shift to a regular NPS account when the subscriber turns 18 years of age.

Upon attaining adulthood, subscribers must compulsorily exit NPS Vatsalya and opt for the Atal Pension Yojana.

- Ans**
- ☐ 1. 2, 3 and 4
 - ☐ 2. Only 2
 - ☐ 3. 1 and 4
 - ☒ 4. 1 and 3

Q.44 Who among the following issued the earliest land grant of the Maitraka family in 502 CE?

- Ans**
- ☐ 1. Shiladitya
 - ☐ 2. Dharapatta
 - ☐ 3. Guhasena
 - ☒ 4. Dronasimha

Q.45 The diameter of a sphere is 2 cm more than the diameter of a smaller sphere. The surface area of the larger sphere is 528 cm^2 more than the surface area of the smaller sphere. What is the diameter (in cm) of the larger sphere?

(Use $\pi = \frac{22}{7}$)

- Ans**
- ☐ 1. 45
 - ☐ 2. 39
 - ☒ 3. 43
 - ☐ 4. 41

Q.46 In MS Excel 2019, what is the primary purpose of the 'Print Preview' feature?

- Ans**
- ☐ 1. To zoom into the sheet
 - ☐ 2. To save the spreadsheet
 - ☐ 3. To edit data
 - ☒ 4. To view how the sheet will look when printed

Q.47 In January 2025, which woman cricketer received the Polly Umrigar Award from the BCCI?

- Ans**
- ☐ 1. Deepthi Sharma
 - ☐ 2. Jemimah Rodrigues
 - ☒ 3. Smriti Mandhana
 - ☐ 4. Shefali Verma

Q.48 Morarji Desai was commemorated on his 129th birth anniversary, 29 February 2025, for his contributions to governance reforms in India. Which of the following commissions did he chair in 1966 to restructure the country's governance?

- Ans**
- ☐ 1. Sarkaria Commission
 - ☐ 2. 1st Finance Commission
 - ☐ 3. Planning Commission
 - ☒ 4. 1st Administrative Reforms Commission

Q.49 How many poems are included in Behramji Merwanji Malabari's 'The Indian Muse in English Garb'?

- Ans**
- ☐ 1. 20
 - ☒ 2. 32
 - ☐ 3. 40
 - ☐ 4. 25

Q.50 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: VXB :: GIM : %

- Ans**
- ✓ 1. # = SUY , % = JLP
 - ✗ 2. # = SEY , % = JLP
 - ✗ 3. # = SUY , % = JLL
 - ✗ 4. # = SUY , % = LLP

Q.51 If the median of a data is 71.24 less than its mode, then the median of the data exceeds its mean by _____. (Use the empirical formula)

- Ans**
- ✗ 1. 41.97
 - ✓ 2. 35.62
 - ✗ 3. 34.14
 - ✗ 4. 33.91

Q.52 Mr. Evan starts from Point A and drives 8 km towards the East. He then takes a right turn, drives 19 km, turns right and drives 19 km. He then takes a right turn and drives 9 km. He then taken a right turn, drives 3 km, turns left and drives 6 km. He takes a final right turn, drives 8 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified.)

- Ans**
- ✗ 1. 9 km to the West
 - ✓ 2. 4 km to the North
 - ✗ 3. 7 km to the North
 - ✗ 4. 3 km to the West

Q.53 Amita travels a certain distance at a speed of 84 km/hr and double the earlier distance at 28 km/hr. She then returns to the starting point through the same route. If her average speed for the entire journey is 24 km/hr, then what is her speed (in km/hr) for the return journey?

- Ans**
- ✗ 1. 17.2
 - ✗ 2. 16
 - ✓ 3. 18
 - ✗ 4. 21.5

Q.54 The average marks of 30 students in a mathematics test were found to be 55. However, it was later discovered that a mark of 72 was mistakenly recorded as 27, and another mark of 64 was mistakenly recorded as 46. What is the actual average score?

- Ans**
- ✗ 1. 55.5
 - ✗ 2. 60.2
 - ✗ 3. 63.4
 - ✓ 4. 57.1

Q.55 What was India's external debt to GDP ratio at the end of September 2024?

- Ans**
- ✗ 1. 24.6%
 - ✗ 2. 34%
 - ✗ 3. 13.4%
 - ✓ 4. 19.4%

Q.56 A student scores 80 marks in a subject with a weightage of 3 and 90 marks in another subject with a weightage of 2. What is the weighted average score of the student?

- Ans** ☒ 1. 84
☐ 2. 86
☐ 3. 88
☐ 4. 82

Q.57 Lauren Roberts' novel, third in 'The Powerless' trilogy, is titled:

- Ans** ☒ 1. Fearless
☐ 2. Endless
☐ 3. Powerless
☐ 4. Reckless

Q.58 The fourth proportion to 9, 3 and 27 is the same as the third proportion to A and 24. What is the value of A?

- Ans** ☐ 1. 63
☐ 2. 61
☒ 3. 64
☐ 4. 62

Q.59 If α and β are the roots of the equation $x^2 - 6x - 5 = 0$, then find the equation having the roots 3α and 3β .

- Ans** ☐ 1. $x^2 - 15x + 48 = 0$
☐ 2. $x^2 - 18x - 48 = 0$
☒ 3. $x^2 - 18x - 45 = 0$
☐ 4. $x^2 - 15x + 45 = 0$

Q.60 Each of the digits in the number 6427519 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

- Ans** ☒ 1. 1
☐ 2. 3
☐ 3. 2
☐ 4. 0

Q.61 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) # 1 9 7 \$ 9 1 5 2 @ 6 8 # € £ & 8 \$ 4 5 9 5 (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans** ☐ 1. 4
☐ 2. 5
☐ 3. 2
☒ 4. 3

Q.62 What should come in place of the question mark (?) in the given series?

282, 259, 226, ?, 130, 67

- Ans**
- ☐ 1. 193
 - ☐ 2. 186
 - ☒ 3. 183
 - ☐ 4. 173

Q.63 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. HJ - OQ
 - ☐ 2. GI - NP
 - ☐ 3. IK - PR
 - ☒ 4. OJ - NL

Q.64 5 times the present age of Sujatha is 5 years more than 2 times the present age of Vanita. After 4 years, 3 times the age of Vanita will be 8 years less than 5 times the age of Sujatha. The age of Vanita is k years more than that of Sujatha. What is the value of k?

- Ans**
- ☐ 1. 5
 - ☐ 2. 4
 - ☐ 3. 3
 - ☒ 4. 2

Q.65 TX 12 is related to RS 23 in a certain way. In the same way, GW 2 is related to ER 13. To which of the given options is NR -5 related, following the same logic?

- Ans**
- ☒ 1. LM 6
 - ☐ 2. KM 4
 - ☐ 3. KL 6
 - ☐ 4. LL 4

Q.66 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 4275613, how many digits will appear more than once in the new number thus formed?

- Ans**
- ☐ 1. 0
 - ☐ 2. 1
 - ☒ 3. 2
 - ☐ 4. 3

Q.67 Amit had invested same amount of sums at simple as well as compound interest, compounded annually. The time period of both the sums was 2 years and rate of interest too was the same, 4% per annum. At the end, he found a difference of ₹45 in both the interests received. What were the sums (in ₹) invested?

- Ans**
- ☐ 1. 27,375
 - ☒ 2. 28,125
 - ☐ 3. 28,475
 - ☐ 4. 27,225

Q.68 13 men and 3 women can complete a piece of work in 7 days, and 5 men and 6 women can complete the same work in 18 days. The work of how many women is equivalent to that of one man?

- Ans**
- ☐ 1. 88
 - ☐ 2. 90
 - ☐ 3. 84
 - ☒ 4. 87

Q.69 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All chimpanzees are gorilla.

All gorillas are monkeys.

No monkey is a langur.

Conclusion:

(I) Some langurs are gorillas.

(II) Some monkeys are chimpanzees.

- Ans**
- ☒ 1. Only Conclusion (II) follows
 - ☐ 2. Both Conclusions (I) and (II) follow
 - ☐ 3. Only Conclusion (I) follows
 - ☐ 4. Neither Conclusion (I) nor (II) follows

Q.70 After the revolt of which year did the British implement measures that reduced the proportion of Indian soldiers in the army and increased the number of European soldiers?

- Ans**
- ☐ 1. 1841
 - ☐ 2. 1874
 - ☒ 3. 1857
 - ☐ 4. 1806

Q.71 Which of the following is INCORRECT based on the Supreme Court's ruling in 'Samtola Devi vs The State Of Uttar Pradesh', on 27 March 2025, regarding the 'Maintenance and Welfare of Parents and Senior Citizens Act, 2007'?

- Ans**
- ☐ 1. The Act does not provide any provision for the eviction of a child or relative.
 - ☐ 2. Tribunals under the Act have the authority to order the eviction of a child or relative if it is deemed necessary for the protection of the senior citizen.
 - ☒ 3. Eviction of a child or relative is mandatory in every case of neglect under the Act.
 - ☐ 4. Senior citizens can file for maintenance even after transferring their property to their legal heirs.

Q.72 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) * # 8 # 5 # 3 3 € 6 7 & # 3 \$ € @ 9 # 7 £ 9 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans**
- ☒ 1. 2
 - ☐ 2. 4
 - ☐ 3. 1
 - ☐ 4. 3

Q.73 The length of the diagonals of a rhombus are $(y + xy + 5)$ m and $(y - xy)$ respectively. Find the area of the rhombus, if $x = 2$ and $y = 1$.

- Ans**
- ☒ 1. 24 m^2
 - ☐ 2. 27 m^2
 - ☐ 3. 21 m^2
 - ☐ 4. 18 m^2

Q.74 Which shortcut key is used to create a new blank presentation quickly in MS PowerPoint 365?

- Ans**
- ☒ 1. Ctrl + N
 - ☐ 2. Ctrl + P
 - ☐ 3. Ctrl + O
 - ☐ 4. Shift + N

Q.75 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
 PIL NGJ LEH JCF ?

- Ans**
- ☐ 1. HAE
 - ☐ 2. HBE
 - ☐ 3. HBD
 - ☒ 4. HAD

Q.76 If $\Delta ABC \sim \Delta PQR$ and $\frac{\text{area}(\Delta ABC)}{\text{area}(\Delta PQR)} = \frac{25}{49}$, then what is the value of

- Ans**
- ☐ 1. 3 : 7
 - ☐ 2. 2 : 7
 - ☒ 3. 5 : 7
 - ☐ 4. 4 : 7

Q.77 A shopkeeper fixes the marked price of an item 50% above its cost price. What percentage of discount on the marked price should be allowed to gain 14%?

- Ans**
- ☐ 1. 26%
 - ☐ 2. 21%
 - ☐ 3. 27%
 - ☒ 4. 24%

Q.78 Two banks, A and B, offered loans at 3.5% and 6.5% per annum, respectively. Keshav borrowed an amount of ₹2,00,000 from each bank. Find the positive difference between the amounts of simple interest paid to the two banks by Keshav after 2 years.

- Ans**
- ☐ 1. 13,000
 - ☐ 2. 11,500
 - ☐ 3. 13,500
 - ☒ 4. 12,000

Q.79 A salesman marks his good 20% above the cost price and gives a discount of 25% on them. Find the percentage of this gain or loss.

- Ans**
- ☐ 1. 12% loss
 - ☒ 2. 10% loss
 - ☐ 3. 11% loss
 - ☐ 4. 9% gain

Q.80 Piyush ranked 34th from the top and 57th from the bottom in his class. How many students are there in his class?

- Ans**
- ☐ 1. 92
 - ☐ 2. 89
 - ☒ 3. 90
 - ☐ 4. 91

Q.81 What natural feature existed between the Himalayas and the Deccan Plateau before the formation of the Great Plain?

- Ans**
- ☐ 1. A deep ocean trench
 - ☐ 2. A dense forest
 - ☐ 3. A mountain range
 - ☒ 4. A shallow trough or geosyncline

Q.82 In a certain code language,

'A + B' means 'A is the mother of B'
'A - B' means 'A is the brother of B'
'A x B' means 'A is the wife of B'
'A ÷ B' means 'A is the father of B'

Based on the above, how is P related to T if 'P ÷ Q + R - S x T'?

- Ans**
- ☒ 1. Wife's mother's father
 - ☐ 2. Wife's father's mother
 - ☐ 3. Son's daughter's husband
 - ☐ 4. Wife's sister's husband

Q.83 What should come in place of the question mark (?) in the given series?

7 9 13 21 37 ?

- Ans**
- ☐ 1. 65
 - ☐ 2. 66
 - ☒ 3. 69
 - ☐ 4. 71

Q.84 Which British Viceroy described the Congress as representing only a 'microscopic minority' of the Indian population, thereby dismissing its political relevance?

- Ans**
- ☐ 1. Lord Lytton
 - ☐ 2. Lord Curzon
 - ☒ 3. Lord Dufferin
 - ☐ 4. Lord Ripon

Q.85 Three numbers are in the ratio 1 : 3 : 5, and their LCM is 285. Their HCF is ____.

- Ans**
- ☐ 1. 17
 - ☒ 2. 19
 - ☐ 3. 15
 - ☐ 4. 24

Q.86 Which Fundamental Right was subjected to additional restrictions by the First Amendment Act of 1951?

- Ans**
- ☐ 1. Right to Freedom of Religion
 - ☒ 2. Right to Freedom of Speech and Expression
 - ☐ 3. Right to Constitutional Remedies
 - ☐ 4. Right to Equality

Q.87 Kalpana and Sudha got 696 and 584 marks, respectively, in the same examination. If Kalpana scored 87% marks, then what is the percentage of marks scored by Sudha?

- Ans**
- ☐ 1. 74%
 - ☒ 2. 73%
 - ☐ 3. 76%
 - ☐ 4. 72%

Q.88 Which Pulitzer-winning investigative series was titled 'Fentanyl Express'?

- Ans**
- ☐ 1. CNN
 - ☒ 2. Reuters
 - ☐ 3. NBC News
 - ☐ 4. The New Yorker

Q.89 In a certain code language, 'BOLT' is coded as '4195' and 'TOLD' is coded as '4529'. What is the code for 'D' in the given code language?

- Ans**
- ☐ 1. 4
 - ☐ 2. 9
 - ☒ 3. 2
 - ☐ 4. 5

Q.90 Which category of musical instruments was related to objects of utility in daily life?

- Ans**
- ☐ 1. Avanaddh Vadya
 - ☒ 2. Ghana Vadya
 - ☐ 3. Sushira Vadya
 - ☐ 4. Tata Vadya

Q.91 Following the provisions of the 73rd Constitutional Amendment 1992, how frequently are the members of the Gram Sabha expected to meet in a year?

- Ans**
- ☒ 1. At least twice in a year
 - ☐ 2. Once every five years
 - ☐ 3. Once a month
 - ☐ 4. Every week

Q.92 Which of the following ratios is greatest?

- Ans**
- ☐ 1. 18 : 37
 - ☐ 2. 15 : 33
 - ☒ 3. 10 : 15
 - ☐ 4. 19 : 37

Q.93 Find the smallest number by which 6760 must be multiplied to make it a perfect square.

- Ans**
- ☒ 1. 10
 - ☐ 2. 28
 - ☐ 3. 23
 - ☐ 4. 26

Q.94 A, B, C, D, R, S and T are sitting around a circular table facing the centre of the table. Only three people sit between T and R when counted from the left of T. Only three people sit between A and S when counted from the right of S. C sits to the immediate right of A. B is an immediate neighbour of S as well as R. Who sits third to the right of D?

- Ans**
- ☒ 1. T
 - ☐ 2. C
 - ☐ 3. S
 - ☐ 4. A

Q.95 Which of the following is the function of Ctrl + Shift + V in certain applications like Google Docs or web browsers?

- Ans**
- ☐ 1. Saves the document as a new file
 - ☐ 2. Reverts to the previous page in the browser
 - ☐ 3. Opens the Find and Replace dialog box
 - ☒ 4. Pastes content without any formatting

Q.96 The equivalent fraction of 6.555... is:

- Ans**
- ☒ 1. $\frac{59}{9}$
 - ☐ 2. $\frac{56}{13}$
 - ☐ 3. $\frac{53}{17}$
 - ☐ 4. $\frac{61}{3}$

Q.97 The present cost of an apartment is ₹1,70,014. After a year, its cost increased to ₹1,93,900. The percentage increase (rounded off to the nearest integer) in the cost of the apartment is:

- Ans**
- ☐ 1. 22%
 - ☐ 2. 28%
 - ☒ 3. 14%
 - ☐ 4. 3%

Q.98 What is the theme of the Venice Architecture Biennale scheduled to be held in May to November 2025?

- Ans**
- ☐ 1. Architecture and Climate Change
 - ☐ 2. Sustainable Urban Futures
 - ☐ 3. Designing Future Societies
 - ☒ 4. Intelligence: Natural. Artificial. Collective

Q.99 What was the officer responsible for looking after military stores during the reign of the Gupta Empire called?

- Ans**
- ☐ 1. Vishayapati
 - ☒ 2. Ranabhandagarika
 - ☐ 3. Mahapratihara
 - ☐ 4. Pilupati

Q.100 In the Indian context, population growth in Class I cities is the most influenced by

Ans

- ☐ 1. religious factors
- ☐ 2. natural increase
- ☐ 3. government employment
- ☒ 4. migration from rural areas



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	Jindal Edutech Pvt Ltd Gondkhairi Nagpur
Test Date	18/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All bears are cats.

All cats are pandas.

Some bears are tigers.

Conclusions:

(I) Some tigers are cats.

(II) Some pandas are bears.

- Ans** ☒ 1. Both conclusions (I) and (II) follow
☒ 2. Only conclusion (II) follows
☒ 3. Only conclusion (I) follows
☒ 4. Neither conclusion (I) nor (II) follows

Q.2 In 2024, the Government of India announced updates to the Defence Acquisition Procedure (DAP), aiming to boost self-reliance in defence manufacturing. Which of the following is NOT an intended objective of the updated DAP 2024?

- Ans** ☒ 1. Streamlining procurement timelines and reducing bureaucratic hurdles
☒ 2. Increasing collaboration between Indian defence firms and global OEMs
☒ 3. Eliminating all private sector participation in defence manufacturing
☒ 4. Promoting higher indigenisation requirements for defence contracts

Q.3 If '+' means 'subtraction', '-' means 'multiplication', 'x' means 'division' and '÷' means 'addition', then what will come in place of the question mark (?) in the following equation?

$$96 \times 8 - 11 \div 83 + 22 = ?$$

- Ans** ☒ 1. 193
☒ 2. 186
☒ 3. 204
☒ 4. 199

Q.4 Harry ranked 34th from the top and 25th from the bottom in his class. How many students are there in his class?

- Ans**
- ☐ 1. 56
 - ☐ 2. 57
 - ☐ 3. 59
 - ☒ 4. 58

Q.5 Which of the following caves are famous for its high citadel?

- Ans**
- ☐ 1. Ellora caves
 - ☒ 2. Junagadh caves
 - ☐ 3. Sudama caves
 - ☐ 4. Bagh caves

Q.6 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
 (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. TL - BV
 - ☐ 2. ZR - HB
 - ☐ 3. PH - XR
 - ☒ 4. GY - OJ

Q.7 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7125843, then what will the sum of the highest and lowest digits in the new number thus formed be?

- Ans**
- ☐ 1. 7
 - ☐ 2. 9
 - ☒ 3. 8
 - ☐ 4. 6

Q.8 If the mode of the following data is 125, then what is the value of x?

Class	110-115	115-120	120-125	125-130	130-135
Frequency	13	31	39	x	15

- Ans**
- ☐ 1. 48
 - ☐ 2. 40
 - ☐ 3. 31
 - ☒ 4. 39

Q.9 The sum of the ages of Ramesh and Mahesh is $(2x^2 - 3x^2y + y^2 + x^2 + 3x^2y + y^2 + 3xy^2)$ years. Find the age of Mahesh.

- Ans**
- ☐ 1. $(x^2 - 6xy)$ years
 - ☐ 2. $(x^2 + 6x^2y)$ years
 - ☐ 3. $(x^2 + 6xy)$ years
 - ☒ 4. $(x^2 - 6x^2y)$ years

Q.10 Which of the following options is **INCORRECT** regarding the factors that inflamed the feelings of the Sepoys and led to the Revolt of 1857?

- Ans**
- ☐ 1. Act that required every new recruit to give an undertaking to serve overseas
 - ☐ 2. Forceful conversions to Christianity
 - ☒ 3. Compulsion on sepoys to wear their caste marks and follow their own caste
 - ☐ 4. Army maintaining chaplains at state cost and promotion of Christian propaganda among the sepoys

Q.11 Which sequence of steps correctly initiates a blank presentation in MS PowerPoint 2016 or later?

- Ans**
- ☐ 1. Home → Layout → Clear All
 - ☒ 2. File → New → Blank Presentation
 - ☐ 3. File → Save As → Blank Template
 - ☐ 4. View → New Window → Blank

Q.12 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) 3 £ & 1 2 © 2 5 \$ 9 3 © 9 4 3 % 9 3 # © 6 2 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans**
- ☐ 1. 3
 - ☒ 2. 2
 - ☐ 3. 4
 - ☐ 4. 1

Q.13 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$122 \div 4 + 65 \times 5 - 41 = ?$$

- Ans**
- ☐ 1. 512
 - ☐ 2. 522
 - ☒ 3. 516
 - ☐ 4. 518

Q.14 Which of the following is the greatest number that divides 104 and 133 and leaves 8 and 5 as respective remainders?

- Ans**
- ☐ 1. 40
 - ☐ 2. 41
 - ☐ 3. 42
 - ☒ 4. 32

Q.15 A man spends 76% of his monthly salary on the rent of his house. If every month he also spends ₹627 on his conveyance and ₹3,947 on his grocery and saves the remaining ₹712, his monthly salary is:

- Ans**
- ☒ 1. ₹22,025
 - ☐ 2. ₹22,119
 - ☐ 3. ₹22,111
 - ☐ 4. ₹22,023

Q.16 Which positive number should replace both question marks in the give

$$\frac{?}{48} = \frac{243}{?}$$

- Ans
- ☐ 1. 123
 - ☐ 2. 96
 - ☒ 3. 108
 - ☐ 4. 105

Q.17 Samrath ranked 31st from the top and 13th from the bottom in his class. How many students are there in his class?

- Ans
- ☐ 1. 42
 - ☒ 2. 43
 - ☐ 3. 44
 - ☐ 4. 41

Q.18 Find the effective price percentage of the marked price after three consecutive discounts of 8%, 16% and 3%. (Rounded up to two decimal places.)

- Ans
- ☐ 1. 73.29%
 - ☐ 2. 74.13%
 - ☐ 3. 72.61%
 - ☒ 4. 74.96%

Q.19 Which of the following is a tributary of the Yamuna river?

- Ans
- ☐ 1. Son
 - ☐ 2. Teesta
 - ☐ 3. Gomti
 - ☒ 4. Tons

Q.20 Which of the following methods is used to create a new folder in Windows 11 OS from Desktop?

- Ans
- ☒ 1. Right-click → Select New → Folder
 - ☐ 2. Press Ctrl + N
 - ☐ 3. Drag a file to Desktop
 - ☐ 4. Press Alt + F4

Q.21 A boat takes 18 minutes to go 59.4 km upstream. The ratio of the speed of the boat in still water to that of the stream is 3 : 2. How much total time (in hours) will the boat take to go 29.3 km upstream and 51.5 km downstream?

- Ans
- ☐ 1. 2.6
 - ☐ 2. 3.5
 - ☐ 3. 4.5
 - ☒ 4. 0.2

Q.22 Who among the following has won the Sahitya Akademi Award 2024 in Dogri for his book 'Ik Hor Ashwthama'?

- Ans
- ☐ 1. Madhav Kaushik
 - ☒ 2. Chaman Arora
 - ☐ 3. Vilas Dangre
 - ☐ 4. Velu Aasaan

Q.23 Seven friends, K, L, M, N, O, P and S, are sitting in a row facing north. Only two people sit to the left of S. Only three people sit between S and O. K sits second to the right of S. Only two people sit between K and M. L sits at some place to the right of N but at some place to the left of P. How many people sit to the right of L?

- Ans ☒ 1. Three
☐ 2. One
☐ 3. Two
☐ 4. Four

Q.24 What should come in place of the question mark (?) in the given series?

5 8 17 44 125 ?

- Ans ☐ 1. 360
☐ 2. 370
☒ 3. 368
☐ 4. 358

Q.25 Which provision was introduced in the Constitution of India through the 74th Amendment Act?

- Ans ☐ 1. Part X
☐ 2. Part IX
☒ 3. Part IX-A
☐ 4. Part XI

Q.26 Which city hosted the International Cooperative Alliance (ICA) Global Cooperative Conference and General Assembly in November 2024?

- Ans ☐ 1. Hyderabad
☒ 2. New Delhi
☐ 3. Bengaluru
☐ 4. Mumbai

Q.27 What was the poverty headcount ratio in urban areas in 2019-21, as per the National Multidimensional Poverty Index 2023?

- Ans ☐ 1. 32.59%
☐ 2. 8.65%
☒ 3. 5.27%
☐ 4. 19.28%

Q.28 Dipti, Priti, Neeti, Reeti, Swati, Kirti and Jyoti are sitting around a circular table, facing the centre. Dipti sits second to the right of Priti. Jyoti sits to the immediate left of Priti. Swati is an immediate neighbour of both Jyoti and Neeti. Reeti is an immediate neighbour of Priti. Who sits second to the left of Neeti?

- Ans ☐ 1. Reeti
☒ 2. Dipti
☐ 3. Jyoti
☐ 4. Priti

Q.29 The mean proportional between $(9 + 4\sqrt{5})$ and $(18 - 8\sqrt{5})$ is:

- Ans ☐ 1. $\sqrt{5}$
☒ 2. $\sqrt{2}$
☐ 3. $\sqrt{17}$
☐ 4. $\sqrt{15}$

Q.30 What percentage of the urban population in India lives in slum conditions as per the Census 2011?

- Ans**
- ☐ 1. 18.2%
 - ☒ 2. 17.4%
 - ☐ 3. 12.8%
 - ☐ 4. 14.7%

Q.31 Who among the following was appointed as the Managing Director of National Agriculture Cooperative Marketing Federation of India Ltd (NAFED), in October 2024?

- Ans**
- ☐ 1. Praveena Rai
 - ☐ 2. Ashok Chandra
 - ☐ 3. Vipin Kumar
 - ☒ 4. Deepak Agarwal

Q.32 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
LEJ21 MFK32 NGL43 OHM54 ?

- Ans**
- ☒ 1. PIN65
 - ☐ 2. PIM65
 - ☐ 3. PIM66
 - ☐ 4. PIN66

Q.33 Seven boxes, A, B, C, D, E, F and G, are kept one above the other but not necessarily in the same order. D is kept second from the bottom. Only three boxes are kept between D and E. F is kept in one of the positions below D. Only A is kept between E and G. B is kept in one of the positions above E. How many boxes are kept between A and B?

- Ans**
- ☐ 1. 4
 - ☐ 2. 2
 - ☐ 3. 3
 - ☒ 4. 1

Q.34 This question is based on the five, three-digit numbers given below.

(Left) 107 788 634 346 488 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is added to the third digit of the lowest number?

- Ans**
- ☐ 1. 15
 - ☐ 2. 17
 - ☒ 3. 14
 - ☐ 4. 13

Q.35 In MS PowerPoint's Slide Master view, what is the primary benefit of customising the top-level master slide versus individual layout masters?

- Ans**
- ☐ 1. Changes to the top-level master overrides all formatting on individual layout masters
 - ☒ 2. Customising the top-level master ensures consistency of universal elements across all slide layouts
 - ☐ 3. The top-level master is only relevant when exporting the presentation to other formats
 - ☐ 4. Individual layout masters cannot be edited unless the top-level master is modified first

Q.36 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

LQM : NSN

ETG : GVH

- Ans** ☒ 1. BRQ : DTR
☐ 2. BKL : FJL
☐ 3. WHO : XZQ
☐ 4. GHM : KMO

Q.37 What will be the difference in population 3 years ago and 2 years ago of a town whose current population of 2,50,000 is increasing at a rate of 25% every year?

- Ans** ☐ 1. 31,250
☒ 2. 32,000
☐ 3. 31,450
☐ 4. 32,350

Q.38 With whose assistance did Chandragupta Maurya overthrow the Nanda dynasty?

- Ans** ☒ 1. Chanakya
☐ 2. Bimbisara
☐ 3. Megasthenes
☐ 4. Bindusara

Q.39 In which year was the Pradhan Mantri Awas Yojana (PMAY), a flagship mission aimed at addressing the urban housing shortage in India, launched?

- Ans** ☐ 1. 2014
☐ 2. 2022
☐ 3. 2018
☒ 4. 2015

Q.40 What defines a conjoint vascular bundle?

- Ans** ☐ 1. Xylem and phloem alternate along the radii
☐ 2. Cambium is absent
☐ 3. Xylem only on the outer side
☒ 4. Xylem and phloem present on the same radius

Q.41 Eshwar starts from Point Y and drives 13 km towards the south. He then takes a left turn, drives 27 km, turns right and drives 51 km. He then takes a left turn and drives 18 km. He takes a left turn, drives 35 km. He then turns left, drives 45 km, turns left and drives 18 km to stop at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)

- Ans** ☒ 1. 47 km towards the north
☐ 2. 36 km towards the south
☐ 3. 51 km towards the west
☐ 4. 42 km towards the east

Q.42 What is Lord Thomas Babington Macaulay best known for in the context of British India?

- Ans** ☐ 1. Leading the revolt of 1857
☐ 2. Framing the Government of India Act, 1858
☒ 3. Drafting the Indian Penal Code and promoting English education
☐ 4. Introducing the Vernacular Press Act

Q.43 The mean proportional between 0.09 and 16 is:

- Ans
- ☐ 1. 120
 - ☐ 2. 0.12
 - ☒ 3. 1.2
 - ☐ 4. 12

Q.44 A bike can finish a certain journey in 6 hours at the speed of 92 km/hr. In order to cover the same distance in 3 hours, the speed of the bike (in km/hr) must be increased by ____.

- Ans
- ☐ 1. 86
 - ☒ 2. 92
 - ☐ 3. 98
 - ☐ 4. 85

Q.45 The average of 6 numbers is 18. If each number is increased by 5, what will be the new average?

- Ans
- ☒ 1. 23
 - ☐ 2. 25
 - ☐ 3. 18
 - ☐ 4. 20

Q.46 As per April 2025, Reserve Bank of India (RBI) allows flexibility in UPI transaction limits for in-person merchant payments, ranging from ₹2 lakh to ____.

- Ans
- ☐ 1. ₹4 lakh
 - ☒ 2. ₹5 lakh
 - ☐ 3. ₹3 lakh
 - ☐ 4. ₹6 lakh

Q.47 In a certain code language, 'DISH' is coded as '4268' and 'HUNT' is coded as '3527'. What is the code for 'H' in the given code language?

- Ans
- ☐ 1. 3
 - ☐ 2. 6
 - ☐ 3. 7
 - ☒ 4. 2

Q.48 TN 14 is related to PK 29 in a certain way. In the same way, JD 3 is related to FA 18. To which of the given options is SG -5 related, following the same logic?

- Ans
- ☒ 1. OD 10
 - ☐ 2. OD 8
 - ☐ 3. OC 10
 - ☐ 4. OC 8

Q.49 What is the primary purpose of the 'Formula Bar' in MS Excel?

- Ans
- ☐ 1. To navigate between worksheets
 - ☐ 2. To change the background color of cells
 - ☒ 3. To display and edit the contents of a cell
 - ☐ 4. To insert charts and images

Q.50 A person who spends 55% of his monthly income is able to save ₹6,408 per month. His monthly expenses (in ₹) are:

- Ans**
- ✓ 1. 7,832
 - ✗ 2. 7,843
 - ✗ 3. 7,873
 - ✗ 4. 7,834

Q.51 Which power suffered a decisive defeat in the Malabar region during the Battle of Colachel in 1741?

- Ans**
- ✓ 1. Dutch East India Company
 - ✗ 2. Spanish East India Company
 - ✗ 3. English East India Company
 - ✗ 4. Austrian East India Company

Q.52 What should come in place of the question mark (?) in the given series?

517, 494, 461, ?, 365, 302

- Ans**
- ✗ 1. 428
 - ✓ 2. 418
 - ✗ 3. 408
 - ✗ 4. 438

Q.53 Mr. Alex starts from Point A and drives 9 km towards the South. He then takes a left turn, drives 3 km, turns left and drives 19 km. He then takes a left turn and drives 7 km, turns left drives 5 km. He then takes a right turn and drives 4 km. He takes a final left turn, drives 5 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified)

- Ans**
- ✗ 1. 6 km to the West
 - ✓ 2. 8 km to the East
 - ✗ 3. 4 km to the West
 - ✗ 4. 10 km to the East

Q.54 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: ACG :: CEI : %

- Ans**
- ✗ 1. # = WYC , % = KIM
 - ✓ 2. # = WYC , % = GIM
 - ✗ 3. # = XYZ , % = GIM
 - ✗ 4. # = WYC , % = GIK

Q.55 $\triangle ABC$ is similar to $\triangle PQR$, $QR = 8$ cm, $BC = 4$ cm and perimeter of $\triangle PQR$ is 28 cm. Find the perimeter of $\triangle ABC$.

- Ans**
- ✗ 1. 48 cm
 - ✓ 2. 16 cm
 - ✗ 3. 64 cm
 - ✗ 4. 24 cm

Q.56 6 times the present age of Sujatha is 6 years more than 3 times the present age of Vanita. After 7 years, 4 times the age of Vanita will be 6 years less than 6 times the age of Sujatha. The age of Vanita is k years more than that of Sujatha. What is the value of k?

- Ans**
- ☐ 1. 4
 - ☐ 2. 2
 - ☐ 3. 7
 - ☒ 4. 6

Q.57 The enactment of the first Cooperative Credit Societies Act in 1904 was influenced by which of the following?

- Ans**
- ☐ 1. Hunter Commission
 - ☐ 2. Royal Commission on Agriculture
 - ☒ 3. Indian Famine Commission
 - ☐ 4. Simon Commission

Q.58 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. HK - GJ
 - ☐ 2. PS - OR
 - ☐ 3. LO - KN
 - ☒ 4. JH - KL

Q.59 Which of the following key combinations is primarily used to access the File menu in most legacy and standard Windows applications?

- Ans**
- ☐ 1. Alt + Insert
 - ☐ 2. Alt + Tab
 - ☒ 3. Alt + F
 - ☐ 4. Alt + Delete

Q.60 Who administers the oath of office and secrecy to the Union Ministers under Article 75(4) of the Constitution of India?

- Ans**
- ☐ 1. Prime Minister
 - ☐ 2. Vice President
 - ☐ 3. Chief Justice of India
 - ☒ 4. President of India

Q.61 An electric pump can fill a tank in 6 hours. Due to a leakage in the tank, it takes 8 hours to fill. How much time will this leak take to empty the full tank if water does not leak?

- Ans**
- ☐ 1. 16 hours
 - ☐ 2. 28 hours
 - ☐ 3. 42 hours
 - ☒ 4. 36 hours

Q.62 In a certain code language, 'DEAF' is coded as '6458' and 'FLIP' is coded as '4723'. What is the code for 'F' in the given code language?

- Ans**
- ☐ 1. 2
 - ☒ 2. 4
 - ☐ 3. 8
 - ☐ 4. 7

Q.63 The Lipulekh Pass, important for India's border trade, lies between India and _____.

- Ans**
- ☐ 1. Bangladesh
 - ☐ 2. Afghanistan
 - ☒ 3. Tibet (China)
 - ☐ 4. Bhutan

Q.64 The larger of two supplementary angles is 60° more than the smaller one. The smaller angle (in degree) is:

- Ans**
- ☐ 1. 67°
 - ☐ 2. 65°
 - ☐ 3. 64°
 - ☒ 4. 60°

Q.65 In the 2024 Jammu & Kashmir Assembly elections, from which constituency did the current Chief Minister of J&K contest, and which party does he/she represent?

- Ans**
- ☐ 1. Srinagar, Indian National Congress (INC)
 - ☐ 2. Ganderbal, Jammu & Kashmir People's Democratic Party (JKPDP)
 - ☒ 3. Ganderbal, Jammu & Kashmir National Conference (JKNC)
 - ☐ 4. Baramulla, Jammu & Kashmir National Conference (JKNC)

Q.66 Commemorated on National Science Day, CV Raman established key scientific platforms in India. The scientific journal founded by him was _____.

- Ans**
- ☐ 1. Science India Monthly
 - ☒ 2. Indian Journal of Physics
 - ☐ 3. Nature India
 - ☐ 4. Current Science

Q.67 What has been the trend in the unemployment rate for individuals aged 15 years and above from 2017-18 to 2023-24?

- Ans**
- ☐ 1. Remained constant at 6%
 - ☐ 2. Increased from 6% to 7%
 - ☐ 3. Fluctuated between 5% and 6%
 - ☒ 4. Decreased from 6% to 3.2%

Q.68 As per World Bank's State of Social Protection Report 2025, between 2010 and 2022, social protection coverage in low- and middle-income countries increased from 41% to _____.

- Ans**
- ☐ 1. 43%
 - ☒ 2. 51%
 - ☐ 3. 45%
 - ☐ 4. 47%

Q.69 The shorter side of a rectangle is 18 cm less than the longer side. The numerical value of its area is equal to 6 times the numerical value of its perimeter. What is the length (in cm) of its longer side?

- Ans
- ☐ 1. 33
 - ☒ 2. 36
 - ☐ 3. 21
 - ☐ 4. 23

Q.70 The surface area of a sphere is $25\pi \text{ cm}^2$. The volume of the sphere is

- Ans
- ☐ 1. $\frac{500\pi}{3} \text{ cm}^3$
 - ☐ 2. $\frac{125\pi}{3} \text{ cm}^3$
 - ☐ 3. $\frac{509\pi}{3} \text{ cm}^3$
 - ☒ 4. $\frac{125\pi}{6} \text{ cm}^3$

Q.71 A shopkeeper buys 20 pens at ₹15 each and another 30 pens at ₹10 each. He mixes all the pens and sells them at ₹14 each. What is the profit or loss per pen he makes on an average?

- Ans
- ☐ 1. ₹1 profit
 - ☒ 2. ₹2 profit
 - ☐ 3. ₹0.20 loss
 - ☐ 4. ₹0.50 loss

Q.72 In which year was 'Make in India' launched by the Government of India to facilitate investment, foster innovation, enhance skill development, protect intellectual property, and build best in class manufacturing infrastructure in India?

- Ans
- ☐ 1. 2015
 - ☒ 2. 2014
 - ☐ 3. 2019
 - ☐ 4. 2016

Q.73 Which mission, launched by ISRO in January 2025, carried the NVS-02 navigation satellite?

- Ans
- ☐ 1. LVM3-M5
 - ☐ 2. PSLV-C55
 - ☒ 3. GSLV-F15
 - ☐ 4. GSLV-F16

Q.74 In a certain code language, 'RATS' is coded as '3571' and 'TUBE' is coded as '2146'. What is the code for 'T' in the given code language?

- Ans
- ☐ 1. 7
 - ☐ 2. 2
 - ☒ 3. 1
 - ☐ 4. 6

Q.75 If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 8731542, what will be the difference between the highest and lowest digits in the number thus formed?

- Ans** ☒ 1. 7
☐ 2. 5
☐ 3. 6
☐ 4. 4

Q.76 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

EJM 13, FKN 15, GLO 17, HMP 19, ?

- Ans** ☐ 1. JNP 22
☐ 2. JRN 22
☒ 3. INQ 21
☐ 4. IOP 21

Q.77 What is the primary benefit of having local self-government institutions like Panchayats in India?

- Ans** ☒ 1. They are closest to the people and understand local problems.
☐ 2. They provide direct access to national policy-making.
☐ 3. They solely focus on revenue collection.
☐ 4. They replace the entire administrative framework of the State.

Q.78 A and B complete a work in 6 days. If A alone can do it in 7 days, then B alone can do it in _____ days.

- Ans** ☐ 1. 43
☒ 2. 42
☐ 3. 44
☐ 4. 41

Q.79 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: WQM :: TNJ : %

- Ans** ☐ 1. # = MKP, % = QPI
☐ 2. # = JTP, % = MWR
☒ 3. # = ZTP, % = QKG
☐ 4. # = KUY, % = QKJ

Q.80 Find the smallest number by which 6627 must be multiplied to make it a perfect square.

- Ans** ☐ 1. 7
☒ 2. 3
☐ 3. 4
☐ 4. 11

Q.81 Find the simplified value of $\left[(17 \times 3) \times \left\{ 7 \div 7 \times \left(18 - \frac{14}{2} \right) \right\} \right]$.

- Ans** ☐ 1. 321
☐ 2. 102
☐ 3. 441
☒ 4. 561

Q.82 In industrial settings, Freon-12 is most commonly manufactured by which chemical reaction?

- Ans**
- ☒ 1. Swarts reaction
 - ☐ 2. Elimination reaction
 - ☐ 3. Substitution reaction
 - ☐ 4. Wurtz reaction

Q.83 Which of the following classical dance forms was performed by 'Maharis' as part of temple service?

- Ans**
- ☐ 1. Kuchipudi
 - ☒ 2. Odissi
 - ☐ 3. Kathakali
 - ☐ 4. Kathak

Q.84 The mode of the observations 3, 6, 5, 7, 8, 4, 3, 3, 2, 5, 3, 6, 4, 8 and 5 is:

- Ans**
- ☒ 1. 3
 - ☐ 2. 5
 - ☐ 3. 6
 - ☐ 4. 7

Q.85 Which metal was extensively used for coinage in the Mauryan Empire?

- Ans**
- ☐ 1. Copper
 - ☐ 2. Gold
 - ☒ 3. Silver
 - ☐ 4. Iron

Q.86 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) @ * # % * 8 1 4 2 2 & 4 8 9 8 8 # 6 \$ \$ * 3 (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans**
- ☒ 1. 2
 - ☐ 2. 4
 - ☐ 3. 1
 - ☐ 4. 3

Q.87 If $\sec\theta + \tan\theta = 2$, then what is the value of $3\sec\theta + 4$?

- Ans**
- ☐ 1. $\frac{15}{4}$
 - ☐ 2. $\frac{33}{4}$
 - ☐ 3. $\frac{17}{4}$
 - ☒ 4. $\frac{31}{4}$

Q.88 In a certain code language,

'A + B' means 'A is the mother of B'

'A - B' means 'A is the brother of B'

'A x B' means 'A is the wife of B'

'A ÷ B' means 'A is the father of B'

Based on the above, how is Q related to T if 'P x Q - R + S ÷ T'?

- Ans
- ☐ 1. Father's brother's son
 - ☐ 2. Mother's mother's brother
 - ☐ 3. Sister's husband's father
 - ☒ 4. Father's mother's brother

Q.89 10 is related to 2 following a certain logic. Following the same logic, 45 is related to 9. To which of the following is 50 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 - Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans
- ☐ 1. 15
 - ☐ 2. 5
 - ☐ 3. 20
 - ☒ 4. 10

Q.90 Consider the following statements regarding the Indian Navy's initiative of Indian Ocean Ship (IOS) Sagar in April 2025.
The IOS Sagar initiative involves the deployment of INS Sunayna to the Southwest Indian Ocean Region (IOR) with a combined crew of India and nine Friendly Foreign Countries (FFCs).
The FFC personnel would undergo training at various naval professional schools at Visakhapatnam.
The ship INS Sunayna was planned to be deployed for over a month in April 2025, undertaking port calls at Dar-es-Salaam, Nacala, Port Louis, Port Victoria and Male.
Which of the above statements are correct?

- Ans
- ☒ 1. Only 1 and 3
 - ☐ 2. Only 2 and 3
 - ☐ 3. Only 1 and 2
 - ☐ 4. 1, 2 and 3

Q.91 The Shillong Plateau is divided into several parts. Which of the following is not a part of it?

- Ans
- ☐ 1. Khasi Hills
 - ☒ 2. Maikala Range
 - ☐ 3. Garo Hills
 - ☐ 4. Mikir Hills

Q.92 Find the sum of roots for the equation $2x^3 + 7x^2 - 9x + 12$.

- Ans
- ☐ 1. $\frac{9}{2}$
 - ☐ 2. $-\frac{2}{7}$
 - ☒ 3. $-\frac{7}{2}$
 - ☐ 4. $\frac{9}{7}$

Q.93 A shopkeeper fixes the marked price of an item 52% above its cost price. What percentage of discount on the marked price should be allowed to gain 14%?

- Ans**
- ☐ 1. 22%
 - ☒ 2. 25%
 - ☐ 3. 28%
 - ☐ 4. 27%

Q.94 Umesh sold an article at a loss of 22%. If he had bought the item at 5% less and had sold it for ₹935 more, then he would have gained 15%. Find the cost price (in ₹) of the article.

- Ans**
- ☐ 1. 2,839
 - ☐ 2. 3,488
 - ☒ 3. 2,992
 - ☐ 4. 3,241

Q.95 Which of the following numbers is divisible by 64?

- Ans**
- ☒ 1. 5760
 - ☐ 2. 5129
 - ☐ 3. 5327
 - ☐ 4. 4797

Q.96 On the map of India, the Malwa Plateau is located in which direction relative to the Chotanagpur Plateau?

- Ans**
- ☐ 1. North
 - ☒ 2. West
 - ☐ 3. East
 - ☐ 4. South

Q.97 Two banks, A and B, offered loans at 3.5% and 6% per annum, respectively. Atul borrowed an amount of ₹5,00,000 from each bank. Find the positive difference between the amounts of simple interest paid to the two banks by Atul after 4 years.

- Ans**
- ☐ 1. 51,500
 - ☐ 2. 49,500
 - ☒ 3. 50,000
 - ☐ 4. 51,000

Q.98 The doctrine of judicial review originated in which country?

- Ans**
- ☐ 1. France
 - ☐ 2. United Kingdom
 - ☐ 3. India
 - ☒ 4. United States of America

Q.99 Which of the following physical quantities has the dimension $[M L^{-3}]$?

- Ans**
- ☐ 1. Work
 - ☐ 2. Energy
 - ☒ 3. Density
 - ☐ 4. Pressure

Q.100 Which Indian state hosted the Khelo India Youth Games in 2025?

- Ans**
- ☐ 1. Madhya Pradesh
 - ☐ 2. West Bengal
 - ☐ 3. Uttar Pradesh
 - ☒ 4. Bihar



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	Creative Computer
Test Date	18/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 Which zone of the Great Indian Plains has high humidity and marshy conditions?

- Ans
- ☒ 1. Bhargar
 - ☒ 2. Terai
 - ☒ 3. Delta
 - ☒ 4. Bhabar

Q.2 If $\sin A = \frac{3}{4}$, then calculate $\cos A \cot A$.

- Ans
- ☒ 1. $\frac{6}{7}$
 - ☒ 2. $\frac{7}{12}$
 - ☒ 3. $\frac{7}{6}$
 - ☒ 4. $\frac{12}{7}$

Q.3 Seven boxes, A, B, C, D, E, F and G, are kept one over the other, but not necessarily in the same order. Only four boxes are kept between C and D. Only E is kept above C. Only two boxes are kept between F and A. G is kept immediately above B. A is not kept immediately above G. How many boxes are kept above F?

- Ans
- ☒ 1. 4
 - ☒ 2. 1
 - ☒ 3. 3
 - ☒ 4. 2

Q.4 Which feature allows you to create a multi-level numbered list (e.g., 1.1, 1.2) in MS Word 2019?

- Ans
- ☒ 1. Increase Indent button
 - ☒ 2. Define New Multilevel List
 - ☒ 3. Change Styles option
 - ☒ 4. Format Painter

Q.5 Which union territory was added to India by the Fourteenth Amendment Act, 1962?

- Ans
- ☒ 1. Puducherry
 - ☒ 2. Lakshadweep
 - ☒ 3. Daman and Diu
 - ☒ 4. Goa

Q.6 When the difference between compound interest, compounded annually, and simple interest for three years is ₹228 at 4% interest per annum, the principal is ₹_____.

- Ans**
- ☐ 1. 46,300
 - ☐ 2. 47,295
 - ☒ 3. 46,875
 - ☐ 4. 48,075

Q.7 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

KDG 19 LEH 30 MFI 41 NGJ 52 ?

- Ans**
- ☐ 1. OHL 63
 - ☐ 2. OHK 64
 - ☐ 3. OHL 64
 - ☒ 4. OHK 63

Q.8 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. HB – PJ
 - ☒ 2. DX – LE
 - ☐ 3. VP – DX
 - ☐ 4. ZT – HB

Q.9 Which city did PM Modi and President Macron visit to inaugurate a new Indian consulate in February 2025?

- Ans**
- ☐ 1. Toulouse
 - ☐ 2. Lyon
 - ☒ 3. Marseille
 - ☐ 4. Baku

Q.10 Which department at the Indian Institute of Science (IIS) led the 2025 research project on synthetic image generation for MR applications?

- Ans**
- ☒ 1. Department of Design and Manufacturing
 - ☐ 2. Department of Computer Science
 - ☐ 3. Department of Artificial Intelligence
 - ☐ 4. Department of Mechanical Engineering

Q.11 The population of a town in 1968 was 4,85,000. If its population increased in two successive decades by 20% in each decade, the population of the town in 1988 was:

- Ans**
- ☐ 1. 6,98,395
 - ☐ 2. 6,98,405
 - ☒ 3. 6,98,400
 - ☐ 4. 6,98,397

Q.12 If $a^2 + b^2 = 163$, $a \times b = 27$ and $a > b$, then find the value of $\frac{a}{b}$

- Ans
- ☐ 1. $\frac{109}{217}$
 - ☐ 2. $\frac{119}{227}$
 - ☐ 3. $\sqrt{\frac{119}{227}}$
 - ☒ 4. $\sqrt{\frac{109}{217}}$

Q.13 A salesman marks his good 84% above the cost price and gives a discount of 50% on them. Find the percentage of this gain or loss.

- Ans
- ☐ 1. 6% gain
 - ☒ 2. 8% loss
 - ☐ 3. 5% gain
 - ☐ 4. 9% loss

Q.14 The curved surface area of a right circular cone is $4335\pi \text{ cm}^2$, and the diameter of its base is 102 cm. Find the height (in cm) of the cone.

- Ans
- ☐ 1. 64
 - ☒ 2. 68
 - ☐ 3. 63
 - ☐ 4. 69

Q.15 In which landmark case did the Supreme Court of India rule that the Council of Ministers DOES NOT cease to hold office even after the dissolution of the Lok Sabha?

- Ans
- ☐ 1. Golaknath vs. State of Punjab, 1967
 - ☒ 2. UNR Rao vs. Indira Gandhi, 1971
 - ☐ 3. Kesavananda Bharati vs. State of Kerala, 1973
 - ☐ 4. SR Bommai vs. Union of India, 1994

Q.16 Who among the following has become the first woman officer to take over as the Director General, Armed Forces Medical Services, in October 2024?

- Ans
- ☒ 1. Arti Sarin
 - ☐ 2. Anju Rathie Rana
 - ☐ 3. Deena Mehta
 - ☐ 4. Vijaya Kishore Rahatkar

Q.17 Three numbers are in the ratio 3 : 2 : 13, and their LCM is 4758. Their HCF is ____.

- Ans
- ☐ 1. 64
 - ☒ 2. 61
 - ☐ 3. 46
 - ☐ 4. 75

Q.18 In April 2025, India implemented a standardised curriculum in Himalayan Buddhist monasteries. What was the primary objective of this initiative?

- Ans**
- ☐ 1. To convert monasteries into secular schools
 - ☒ 2. To promote Chinese language education
 - ☐ 3. To reduce the number of monasteries in border areas
 - ☐ 4. To integrate modern subjects alongside traditional teachings

Q.19 A, B, C, D, E, F, and G are sitting around a circular table facing the centre. A sits to the immediate left of G. D sits to the immediate left of B. B sits second to the left of F. E sits third to the left of G. How many people sit between C and F when counted from the left of C?

- Ans**
- ☒ 1. Two
 - ☐ 2. Four
 - ☐ 3. Three
 - ☐ 4. One

Q.20 Which two policy areas are explicitly managed by the Union Cabinet in India as part of its coordinating functions?

- Ans**
- ☒ 1. Foreign Relations and Defence
 - ☐ 2. Agriculture and Labour
 - ☐ 3. Education and Health
 - ☐ 4. Tourism and Sports

Q.21 Which of the following memory types is also called solid-state storage?

- Ans**
- ☐ 1. Primary Memory
 - ☐ 2. Cache Memory
 - ☐ 3. Crystal Storage
 - ☒ 4. Flash Memory

Q.22 Which of the following actions will create a new folder on a Windows desktop?

- Ans**
- ☐ 1. Clicking on the Recycle Bin icon
 - ☐ 2. Pressing Ctrl + F
 - ☐ 3. Pressing Alt + Tab
 - ☒ 4. Right-clicking on the desktop and selecting 'New' → 'Folder'

Q.23 TQ = 6 cm is a tangent to the circle and TPX is a secant. If TP = y cm



- Ans**
- ☐ 1. 3
 - ☐ 2. 5
 - ☐ 3. 6
 - ☒ 4. 4

Q.24 If the quadratic equations $6x^2 - 7x - 20 = 0$ and $6x^2 + bx - 10 = 0$ have one root in common, find the value of b.

- Ans**
- ☐ 1. 11
 - ☐ 2. 10
 - ☒ 3. -11
 - ☐ 4. -10

Q.25 In which early INC session was the demand first raised for the Indianisation of the higher administrative services, including the civil services?

- Ans**
- ☐ 1. Allahabad Session, 1890
 - ☒ 2. Bombay Session, 1885
 - ☐ 3. Calcutta Session, 1886
 - ☐ 4. Madras Session, 1887

Q.26 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week.
No one has the exam before V. Only four people have exams between P and R. Q has the exam immediately before R. T has the exam before U but after S.

How many people have exams between S and R?

- Ans**
- ☐ 1. Four
 - ☒ 2. Three
 - ☐ 3. Two
 - ☐ 4. One

Q.27 For which of the given bills can the President of India summon a joint sitting of both Houses of Parliament?

- 1. Ordinary Bill
- 2. Money Bill
- 3. Constitutional Amendment Bill

- Ans**
- ☐ 1. 2 and 3 only
 - ☐ 2. 1, 2 and 3
 - ☐ 3. 1 and 2 only
 - ☒ 4. 1 only

Q.28 A person who spends 32% of his monthly income is able to save ₹7,752 per month. His monthly expenses (in ₹) are:

- Ans**
- ☒ 1. 3,648
 - ☐ 2. 3,864
 - ☐ 3. 3,684
 - ☐ 4. 3,846

Q.29 A sum, when invested at 20% simple interest per annum, amounts to ₹4,800 after 3 years. What is the simple interest (in ₹) on the same sum at the same rate in 1 year?

- Ans**
- ☒ 1. 600
 - ☐ 2. 300
 - ☐ 3. 2,400
 - ☐ 4. 1,200

Q.30 What happens if a no-confidence motion is passed in the Indian Lok Sabha against the union government?

- Ans**
- ☒ 1. The entire Council of Ministers must resign.
 - ☐ 2. A re-election is triggered.
 - ☐ 3. The Prime Minister is given a chance to reorganise the Cabinet.
 - ☐ 4. Only the dissenting ministers resign.

Q.31 LIQM is related to JGOK in a certain way based on the English alphabetical order. In the same way, IFNJ is related to GDLH. To which of the given options is OLTP related, following the same logic?

- Ans**
- ☒ 1. JMRN
 - ☒ 2. MJRN
 - ☒ 3. MJNR
 - ☒ 4. JMNR

Q.32 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$117 \div 7 + 426 \times 6 - 66 = ?$$

- Ans**
- ☒ 1. 811
 - ☒ 2. 809
 - ☒ 3. 804
 - ☒ 4. 814

Q.33 Which of the following novels, published in 1961, was written by Attia Hosain and portrays the impact of the Partition on a feudal family?

- Ans**
- ☒ 1. Ice Candy Man
 - ☒ 2. Clear Light of Day
 - ☒ 3. Sunlight on the Broken Column
 - ☒ 4. Midnight's Children

Q.34 India's dependency on food aid reduced after the Green Revolution. Which US program had earlier provided wheat aid to India?

- Ans**
- ☒ 1. KL-580
 - ☒ 2. Green Aid
 - ☒ 3. Marshall Plan
 - ☒ 4. PL-480

Q.35 What is the median of the following distribution?

Class	140-190	190-240	240-290	290-340	340-390
Frequency	14	37	28	39	12

- Ans**
- ☒ 1. 275
 - ☒ 2. 265
 - ☒ 3. 250
 - ☒ 4. 251

Q.36 Which institution was established in 1921 as a deliberative body for princes?

- Ans**
- ☒ 1. Imperial Assembly
 - ☒ 2. Royal Consultation Board
 - ☒ 3. Indian Council
 - ☒ 4. Chamber of Princes

Q.37 What is the median of the following data?

74, 85, 67, 27, 47, 16, 41, 32, 98, 38, 88

- Ans**
- ☒ 1. 47
 - ☒ 2. 47.5
 - ☒ 3. 48
 - ☒ 4. 46.5

Q.38 Who among the following travelled from Bithoor to Kalpi, Delhi and Lucknow in 1857 to rally the support of native princes for an uprising against the British?

- Ans**
- ☐ 1. Tantia Tope
 - ☐ 2. Rani of Jhansi
 - ☐ 3. Bahadur Shah Zafar
 - ☒ 4. Nana Saheb

Q.39 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.
RCX TDS VEN XFI ?

- Ans**
- ☐ 1. ZIE
 - ☒ 2. ZGD
 - ☐ 3. ZIF
 - ☐ 4. ZHE

Q.40 In a certain code language, 'BEAR' is coded as '4567' and 'RUIN' is coded as '1234'. What is the code for 'R' in the given code language?

- Ans**
- ☐ 1. 7
 - ☒ 2. 4
 - ☐ 3. 2
 - ☐ 4. 1

Q.41 India's telecom revolution is a major outcome of liberalisation. Which regulatory authority was established in 1997 to oversee the telecom sector?

- Ans**
- ☐ 1. NABARD
 - ☐ 2. SEBI
 - ☐ 3. IRDAI
 - ☒ 4. TRAI

Q.42 Following the 2024 Jammu & Kashmir Assembly elections, who was appointed as the Deputy Chief Minister, and which political party does he represent?

- Ans**
- ☒ 1. Surinder Kumar Choudhary, Jammu & Kashmir National Conference (JKNC)
 - ☐ 2. Ravinder Raina, Bharatiya Janata Party (BJP)
 - ☐ 3. Surinder Kumar Choudhary, Indian National Congress (INC)
 - ☐ 4. Ghulam Ahmad Mir, Indian National Congress (INC)

Q.43 A, B, C, D, R, S and T are sitting around a circular table facing the centre of the table. Only one person sits between T and S when counted from the right of T. Only one person sits between S and C. Only one person sits between T and R. Only two people sit between A and C. Only one person sits between B and R. Who sits third to the right of D?

- Ans**
- ☐ 1. A
 - ☐ 2. C
 - ☒ 3. S
 - ☐ 4. T

Q.44 L is the mother of two sons, namely, P and J. F is the wife of P. Q is the daughter of J. How is L related to Q?

- Ans**
- ☐ 1. Mother
 - ☐ 2. Husband's mother
 - ☒ 3. Father's mother
 - ☐ 4. Mother's mother

Q.45 In MS PowerPoint, what is the significance of the aspect ratio setting (e.g. 16 : 9, 4 : 3) when you are setting up your slide size?

- Ans**
- ☐ 1. It sets the default font size and style for all text boxes in the presentation.
 - ☐ 2. It controls the number of slides that can be included in the presentation.
 - ☐ 3. It determines the file size of the saved presentation.
 - ☒ 4. It defines the proportions of the slide displayed on the screen, influencing how the content is laid out and how it appears on different display devices.

Q.46 If the third proportional of 81 and Z is 9, then what is the positive value of Z?

- Ans**
- ☐ 1. 30
 - ☐ 2. 28
 - ☒ 3. 27
 - ☐ 4. 25

Q.47 A bike can finish a certain journey in 20 hours at the speed of 66 km/hr. In order to cover the same distance in 15 hours, the speed of the bike (in km/hr) must be increased by ____.

- Ans**
- ☐ 1. 25
 - ☐ 2. 18
 - ☐ 3. 14
 - ☒ 4. 22

Q.48 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☒ 1. EAYS
 - ☐ 2. AWTO
 - ☐ 3. TPMH
 - ☐ 4. NJGB

Q.49 GF 7 is related to EA -10 in a certain way. In the same way, UG 14 is related to SB -3. To which of the given options is LN 2 related, following the same logic?

- Ans**
- ☐ 1. II -13
 - ☐ 2. JJ -14
 - ☐ 3. IJ -15
 - ☒ 4. JI -15

Q.50 In a certain code language, 'FISH' is coded as '6458' and 'HAVE' is coded as '5723'. What is the code for 'H' in the given code language?

- Ans**
- ☒ 1. 5
 - ☐ 2. 2
 - ☐ 3. 8
 - ☐ 4. 7

Q.51 Which of the following statements is NOT correct with reference to the periodic trend of metallic character?

- Ans**
- ☐ 1. The change from metallic to non-metallic is gradual.
 - ☐ 2. Metallic character decreases across a period from left to right.
 - ☒ 3. Metallic character increases across a period from left to right.
 - ☐ 4. Metallic character increases down a group.

Q.52 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(88, 76, 64)

(71, 59, 47)

Ans ✓ 1. (64, 52, 40)

✗ 2. (58, 46, 24)

✗ 3. (99, 77, 55)

✗ 4. (40, 38, 36)

Q.53 Find the simplified value of $[525 \div \{19 + 7 \times (3 - 5)\}]$.

Ans ✓ 1. 105

✗ 2. 102

✗ 3. 108

✗ 4. 104

Q.54 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$522 \times 708 - 59 + 19 \div 17 = ?$$

Ans ✗ 1. 379

✓ 2. 733

✗ 3. 768

✗ 4. 567

Q.55 What does 'Dhamma' primarily refer to in Ashoka's inscriptions?

Ans ✗ 1. Buddhist doctrine

✓ 2. Moral law

✗ 3. Slogans of Buddha

✗ 4. Royal decree

Q.56 Which international event focused on climate change was held in Baku, Azerbaijan, in November 2024?

Ans ✗ 1. COP28

✗ 2. Global Climate Forum

✗ 3. Earth Summit 2024

✓ 4. COP29

Q.57 Prime Minister Rajiv Gandhi initiated the Seventh Five-Year Plan (1985–90) in India. Which of the following was a key focus area of the Seventh Five-Year Plan?

Ans ✗ 1. Liberalisation

✗ 2. Structural reforms

✓ 3. Modernisation and technology upgrade

✗ 4. Privatisation

Q.58 Which of the following statements regarding the 2024 Haryana Assembly elections are correct?

1. The BJP formed the government for a third consecutive term in Haryana.
2. The Indian National Lok Dal (INLD) secured 2 seats in the election.
3. Independent candidates secured more than 5 seats in the assembly.
4. The majority mark in the Haryana Legislative Assembly was 48 seats.

Ans ☒ 1. Only 1 and 2
☐ 2. Only 1 and 3
☐ 3. Only 2 and 3
☐ 4. Only 1, 2 and 4

Q.59 3 men and 14 women can complete a piece of work in 18 days, and 11 men and 8 women can complete the same work in 12 days. The work of how many women is equivalent to that of one man?

Ans ☐ 1. 3
☐ 2. 5
☐ 3. 4
☒ 4. 2

Q.60 If the manufacturer gains 10%, the wholesale gains 16% and the retailer gains 25%, then find the cost of production of a table (in ₹), whose retail price for the customer is ₹63,800.

(NOTE: Manufacturer sells to wholesaler, wholesaler sells to retailer and retailer sells to customer.)

Ans ☐ 1. 46,400
☒ 2. 40,000
☐ 3. 44,000
☐ 4. 50,000

Q.61 In March 2025, Ordnance Factories Day was observed to commemorate the founding of India's first ordnance factory in _____.

Ans ☐ 1. Pune
☐ 2. Hyderabad
☐ 3. Jabalpur
☒ 4. Cossipore

Q.62 Privatisation was a key pillar of the New Economic Policy of 1991. Which of the following is NOT a form of privatisation?

Ans ☐ 1. Asset monetisation
☐ 2. Disinvestment
☒ 3. Sovereign borrowing
☐ 4. Strategic sale

Q.63 The average weight of M and his three friends is 65 kg. If M's weight is 8 kg more than the average weight of his three friends, what is M's weight (in kg)?

Ans ☐ 1. 68
☐ 2. 69
☒ 3. 71
☐ 4. 70

Q.64 In March 2025, the Indian Government has introduced a ____ incentive scheme for banks to encourage small-value UPI transactions in the financial year 2024-25?

- Ans**
- ☐ 1. ₹1,700 crore
 - ☒ 2. ₹1,500 crore
 - ☐ 3. ₹1,800 crore
 - ☐ 4. ₹1,600 crore

Q.65 What does PCB stand for in electric circuits?

- Ans**
- ☐ 1. Peripheral Circuit Bridge
 - ☒ 2. Printed Circuit Board
 - ☐ 3. Process Control Board
 - ☐ 4. Programmed Control Base

Q.66 An article's cost price is ₹285, and the marked price is mentioned as ₹1,140. What is the profit percentage of the seller if he sells it by allowing a discount of 70% on the marked price?

- Ans**
- ☐ 1. 17%
 - ☐ 2. 23%
 - ☐ 3. 19%
 - ☒ 4. 20%

Q.67 If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 5634812, how many digits will appear more than once in the new number thus formed?

- Ans**
- ☒ 1. 3
 - ☐ 2. 0
 - ☐ 3. 2
 - ☐ 4. 1

Q.68 A and B can do a piece of work in 13 days and 52 days, respectively. Both work for 2 days and then A goes away. How long (in days) will B take to complete the remaining work?

- Ans**
- ☐ 1. 41
 - ☐ 2. 44
 - ☒ 3. 42
 - ☐ 4. 43

Q.69 Which Indian states are covered under the CITI-CDRA project as of March 2025?

- Ans**
- ☐ 1. Gujarat, Haryana, Punjab
 - ☐ 2. Tamil Nadu, Karnataka, Kerala
 - ☒ 3. Rajasthan, Madhya Pradesh, Maharashtra
 - ☐ 4. Odisha, West Bengal, Assam

Q.70 Which irrigation system is commonly used in arid regions of India to conserve water by directly delivering irrigation water to the roots of plants?

- Ans**
- ☐ 1. Canal irrigation
 - ☐ 2. Sprinkler irrigation
 - ☒ 3. Drip irrigation
 - ☐ 4. Tank irrigation

Q.71 The length, breadth and height of a cuboid are $(2x - 5y + 3)$ m, $(5x +$

- Ans
- ✓ 1. $(32x + 12y - 4)$ m
 - ✗ 2. $(16x - 12y - 8)$ m
 - ✗ 3. $(32x + 12y + 4)$ m
 - ✗ 4. $(16x - 12y + 8)$ m

Q.72 Which of the following films was selected as India's official entry for Oscar 2025?

- Ans
- ✗ 1. 12th Fail
 - ✗ 2. Jawan
 - ✗ 3. Animal
 - ✓ 4. Laapataa Ladies

Q.73 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only)

(Left) & # 9 % 6 4 % © @ & 6 4 6 7 © 9 8 5 % 9 © 7 (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

- Ans
- ✗ 1. 3
 - ✓ 2. 2
 - ✗ 3. 1
 - ✗ 4. 4

Q.74 The farming system that involves both crop cultivation and livestock raising is known as:

- Ans
- ✓ 1. Mixed farming
 - ✗ 2. Subsistence farming
 - ✗ 3. Plantation farming
 - ✗ 4. Terrace agriculture

Q.75 What is the typical direction of jet streams influencing the Indian climate in winter?

- Ans
- ✗ 1. Southeast to northwest
 - ✗ 2. Southwest to northeast
 - ✗ 3. East to west
 - ✓ 4. West to east

Q.76 A cube of side 5 cm and a cuboid of measurements 35 cm, 15 cm and 15 cm, respectively, of the same metal are melted and made into cubes of side 10 cm each. The number of cubes of side 10 cm thus formed is:

- Ans
- ✗ 1. 7
 - ✗ 2. 10
 - ✗ 3. 9
 - ✓ 4. 8

Q.77 The royal title used by Chandragupta I was:

- Ans
- ✗ 1. Chakravartin
 - ✗ 2. Samrat
 - ✗ 3. Maharaj
 - ✓ 4. Maharajadhiraja

Q.78 This question is based on the five, three-digit numbers given below.

(Left) 853 628 981 217 132 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the first digit of the lowest number?

Ans ☒ 1. 9

☐ 2. 10

☐ 3. 12

☐ 4. 8

Q.79 In a certain code language, 'NEAR' is coded as '3571' and 'WINK' is coded as '2346'. What is the code for 'N' in the given code language?

Ans ☐ 1. 1

☐ 2. 4

☐ 3. 7

☒ 4. 3

Q.80 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All birds are omnivores.

All omnivores are lions.

Some birds are reptiles.

Conclusions:

(I) Some omnivores are reptiles.

(II) Some reptiles are lions.

Ans ☐ 1. Only conclusion (II) follows.

☒ 2. Both conclusions (I) and (II) follow.

☐ 3. Either conclusion (I) or (II) follows.

☐ 4. Only conclusion (I) follows.

Q.81 This question is based on the five, three-digit numbers given below.

(Left) 441 317 999 155 444 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is subtracted from the first digit of the lowest number?

Ans ☐ 1. -5

☐ 2. -9

☒ 3. -8

☐ 4. -7

Q.82 Which of the following pairs is an acid-base conjugate pair?

Ans ☐ 1. H^+ and O^{2-}

☒ 2. NH_4^+ and NH_3

☐ 3. HCl and Cl_2

☐ 4. H_2O and H_2O_2

Q.83 What should come in place of the question mark (?) in the given series?

319, 296, 263, ?, 167, 104

- Ans**
- ☐ 1. 210
 - ☒ 2. 220
 - ☐ 3. 230
 - ☐ 4. 200

Q.84 Gaddi Nati is the famous folk dance of which of the following States?

- Ans**
- ☐ 1. Andhra Pradesh
 - ☐ 2. Uttar Pradesh
 - ☐ 3. Madhya Pradesh
 - ☒ 4. Himachal Pradesh

Q.85 Mr. Yanki starts from Point A and drives 17 km towards the South. He then takes a right turn, drives 19 km, turns right and drives 29 km. He then takes a right turn and drives 15 km, turns right drives 1 km. He then takes a left turn drives 6 km. He takes a final right turn, drives 11 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified.)

- Ans**
- ☒ 1. 2 km to the West
 - ☐ 2. 4 km to the South
 - ☐ 3. 8 km to the North
 - ☐ 4. 6 km to the East

Q.86 A man has to cover a distance of 549 km in 8 hours. If he covers $\frac{2}{3}$ of speed (in km/hr) to cover the remaining distance in the time left?



- Ans**
- ☐ 1. 82.5
 - ☐ 2. 71.5
 - ☒ 3. 91.5
 - ☐ 4. 96.5

Q.87 What was the theme of the World Sustainable Development Summit 2025?

- Ans**
- ☐ 1. Partnership for Approaching Sustainable Development and Climate Change
 - ☒ 2. Partnership for Accelerating Sustainable Development and Climate Solutions
 - ☐ 3. Partnerships for Accessing Supportive Development and Climate Solutions
 - ☐ 4. Partnership for Accessing Sustainable Development and Climate Solutions

Q.88 What will come in the place of the question mark (?) in the following equation, if '+' is replaced by '-' and 'x' and '+' are interchanged?

$$44 \div 8 + 5 \times 1 + 7 = ?$$

- Ans**
- ☐ 1. 250
 - ☒ 2. 340
 - ☐ 3. 300
 - ☐ 4. 400

Q.89 What should come in place of the question mark (?) in the given series?

12 29 63 131 267 ?

- Ans
- ☐ 1. 543
 - ☒ 2. 539
 - ☐ 3. 531
 - ☐ 4. 521

Q.90 The sides (in cm) of a right triangle are $(x - 5)$, $(x - 10)$ and x . Its area (in cm^2) is:

- Ans
- ☒ 1. 150
 - ☐ 2. 158
 - ☐ 3. 163
 - ☐ 4. 162

Q.91 Fenil starts from Point Y and drives 19 km towards the west. He then takes a left turn, drives 49 km, turns left and drives 12 km. He then takes a left turn and drives 28 km. He takes a left turn and drives 38 km. He then turns right and drives 21 km to stop at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90 degree turns only unless specified.)

- Ans
- ☐ 1. 39 km towards the west
 - ☐ 2. 41 km towards the south
 - ☒ 3. 45 km towards the east
 - ☐ 4. 51 km towards the south

Q.92 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. T has an exam on Friday. Exactly 3 people have an exam between P and U, neither of whom has an exam on Sunday. S has an exam immediately after Q. V has an exam immediately before U. How many people have an exam after S?

- Ans
- ☐ 1. 4
 - ☐ 2. 2
 - ☒ 3. 3
 - ☐ 4. 1

Q.93 In a class of 30 students, the average score on a test is 75. If 20 students scored an average of 80, what is the average score of the remaining 10 students?

- Ans
- ☐ 1. 70
 - ☐ 2. 72
 - ☒ 3. 65
 - ☐ 4. 60

Q.94 Cardiomyocytes rely heavily on which mechanism to maintain their membrane potential and ensure proper contraction?

- Ans
- ☐ 1. Facilitated diffusion of nutrients exclusively
 - ☐ 2. Endocytosis of extracellular fluid
 - ☒ 3. A combination of voltage-gated ion channels and active ion pumps
 - ☐ 4. Passive diffusion through gap junctions only

Q.95 Which of the following numbers is divisible by 87?

- Ans
- ☒ 1. 8004
 - ☐ 2. 7835
 - ☐ 3. 8088
 - ☐ 4. 7150

Q.96 If 12 , 60 , 13 , and y are in proportion, then the value of y is:

- Ans**
- ☐ 1. 72
 - ☒ 2. 65
 - ☐ 3. 63
 - ☐ 4. 56

Q.97 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: IKO :: TVZ : %

- Ans**
- ☐ 1. # = ELK , % = XZD
 - ☒ 2. # = EGK , % = XZD
 - ☐ 3. # = FGK , % = XZD
 - ☐ 4. # = EGK , % = YZD

Q.98 Find the smallest number by which 4232 must be multiplied to make it a perfect square.

- Ans**
- ☒ 1. 2
 - ☐ 2. 11
 - ☐ 3. 23
 - ☐ 4. 3

Q.99 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

HKO : FJM

DPY : BOW

- Ans**
- ☐ 1. BZI : WVD
 - ☒ 2. TRK : RQI
 - ☐ 3. WGO : SCJ
 - ☐ 4. BPS : AKI

Q.100 4 chairs and 14 tables cost ₹4,000 and 16 chairs and 12 tables cost ₹5,000. What is the cost of 8 chairs and 4 tables?

- Ans**
- ☐ 1. ₹1,998
 - ☒ 2. ₹2,000
 - ☐ 3. ₹2,002
 - ☐ 4. ₹2,004



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	Azad Infotech
Test Date	19/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7643185, what will be difference between the highest and lowest digits in the number thus formed?

- Ans
- ☒ 1. 4
 - ☒ 2. 7
 - ☒ 3. 6
 - ☒ 4. 5

Q.2 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) 5 4 7 % € \$ 2 £ % 6 6 9 9 £ € & € © 3 7 © * (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a number?

- Ans
- ☒ 1. 4
 - ☒ 2. 2
 - ☒ 3. 3
 - ☒ 4. 5

Q.3 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) 1 \$ @ % 1 4 3 * # 6 3 4 £ % 2 @ 6 % 8 % 9 \$ (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

- Ans
- ☒ 1. 5
 - ☒ 2. 3
 - ☒ 3. 6
 - ☒ 4. 4

Q.4 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7134856, which of the following digits will be second from the left in the new number thus formed?

- Ans** ☒ 1. 2
☒ 2. 1
☒ 3. 4
☒ 4. 3

Q.5 A byke travels 80 km at the speed of 40 km/hr and the next 45 km at the speed of 15 km/hr. What is its average speed (in km/hr)?

- Ans** ☒ 1. 19
☒ 2. 25
☒ 3. 29
☒ 4. 31

Q.6 Who among the following first coined the term 'judicial activism'?

- Ans** ☒ 1. Justice VR Krishna Iyer
☒ 2. Justice PN Bhagwati
☒ 3. DA Desai
☒ 4. Arthur Schlesinger Jr.

Q.7 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/Symbols	3	#	4	\$	7	&	6	*	8	^	2
Code	H	A	J	B	K	C	L	D	M	E	N

Conditions:

- i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
 ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
 iii) If both the second and third elements are perfect cubes, the code of the second element will be the code of third element.

What will be the code for the following group?

3\$72



- Ans** ☒ 1. NBKH
☒ 2. ©BK©
☒ 3. HKB©
☒ 4. HBKN

Q.8 Which of the following reformers was NOT associated with British India?

- Ans** ☒ 1. Bal Gangadhar Tilak
☒ 2. Raja Ram Mohan Roy
☒ 3. Aryabhatta
☒ 4. Swami Vivekananda

Q.9 The average age of Amit, Arjun and Anya is 30 years. If the average age of Amit and Anya is 35 years, what will be Arjun's age after 2 years?

- Ans**
- ☐ 1. 24 years
 - ☒ 2. 22 years
 - ☐ 3. 28 years
 - ☐ 4. 30 years

Q.10 This question is based on the five, three-digit numbers given below.

(Left) 870 165 207 893 753 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(Note: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is subtracted from the third digit of the lowest number?

- Ans**
- ☐ 1. -2
 - ☐ 2. 0
 - ☒ 3. -3
 - ☐ 4. -4

Q.11 Which of the following statements is NOT correct regarding India after its adoption of new economic reforms in 1991?

- Ans**
- ☐ 1. Liberalisation of trade and investment regime was initiated in India post 1991 to increase international competitiveness of industrial production.
 - ☐ 2. After the economic reforms, the growth of agriculture sector declined in the country.
 - ☒ 3. The 1991 reforms have caused a huge increase in public investment in the agriculture sector and increased its share in India's GDP.
 - ☐ 4. The industrial sector does not show an enormous increase in the GDP contribution of India post 1991.

Q.12 Jitesh and Kamal can complete a certain piece of work in 5 and 18 days, respectively. They started to work together, and after 3 days, Kamal left. In how many days will Jitesh complete the remaining work?

- Ans**
- ☐ 1. $\frac{25}{6}$
 - ☐ 2. $\frac{13}{6}$
 - ☐ 3. $\frac{11}{6}$
 - ☒ 4. $\frac{7}{6}$

Q.13 Seven boxes, A, B, C, D, E, F and G, are kept one over the other, but not necessarily in the same order. No box is kept above F. Only three boxes are kept between F and B. Only one box is kept between A and E. E is kept immediately above B. Only four boxes are kept between A and C. G is kept at some place above D. How many boxes are kept above B?

- Ans**
- ☐ 1. 2
 - ☐ 2. 3
 - ☐ 3. 1
 - ☒ 4. 4

Q.14 Two numbers are in the ratio 7 : 11. If the first number is increased by 10 and the second number is decreased by 20, then the ratio becomes 2 : 3. What is the sum of the original two numbers?

- Ans**
- ☐ 1. 1254
 - ☐ 2. 1240
 - ☐ 3. 1268
 - ☒ 4. 1260

Q.15 In a certain code language,

'A + B' means 'A is the sister of B'
'A - B' means 'A is the father of B'
'A x B' means 'A is the wife of B'
'A ÷ B' means 'A is the son of B'

Based on the above, how is P related to T if 'P x Q ÷ R - S + T'?

- Ans**
- ☐ 1. Sister's daughter
 - ☐ 2. Son's wife's sister
 - ☒ 3. Brother's wife
 - ☐ 4. Brother's son's wife

Q.16 Who among the following is responsible for implementing decisions made by a Municipal Corporation's council and standing committees in India?

- Ans**
- ☐ 1. Deputy Mayor
 - ☐ 2. Chairman
 - ☒ 3. Municipal Commissioner
 - ☐ 4. Standing Committee Head

Q.17 KARJ is related to NDUM in a certain way based on the English alphabetical order. In the same way, PLBF is related to SOEI. To which of the following is SCHQ related, following the same logic?

- Ans**
- ☐ 1. VELT
 - ☒ 2. VFKT
 - ☐ 3. UEMR
 - ☐ 4. UFNH

Q.18 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☒ 1. HK - NU
 - ☐ 2. KN - PX
 - ☐ 3. AD - FN
 - ☐ 4. XA - CK

Q.19 Let $\Delta ABC \sim \Delta QPR$ and $\frac{ar(\Delta ABC)}{ar(\Delta PQR)} = \frac{64}{121}$. If $AB = 11$ cm, B

- Ans**
- ☐ 1. 10
 - ☐ 2. 8
 - ☒ 3. 11
 - ☐ 4. 9

Q.20 WDFG is related to ZGIJ in a certain way based on the English alphabetical order. In the same way, IPRS is related to LSUV. To which of the following options is RYAB related, following the same logic?

- Ans**
- ✓ 1. UBDE
 - ✗ 2. UDEB
 - ✗ 3. UBED
 - ✗ 4. UDDE

Q.21 Simplify: $\left[\left(28 \div \frac{3}{9} \right) \times \left\{ 6 \div 2 \times \frac{18 - 2}{6} \right\} \div \{ 8 \times 6 \div 3 \} \right]$

- Ans**
- ✗ 1. 63
 - ✓ 2. 42
 - ✗ 3. 104
 - ✗ 4. 84

Q.22 In Warli painting, what is the process called where cow dung and water are spread for background preparation?

- Ans**
- ✗ 1. Lihane
 - ✓ 2. Lipane
 - ✗ 3. Saravane
 - ✗ 4. Rangoli

Q.23 India initiated structural reforms in 1991 to address a severe balance of payments crisis. Which global institution played a key role in supporting India's 1991 reforms?

- Ans**
- ✓ 1. International Monetary Fund
 - ✗ 2. World Health Organization
 - ✗ 3. World Trade Organization
 - ✗ 4. United Nations

Q.24 What happens when a user presses the Bullets button (•) in MS Word?

- Ans**
- ✓ 1. The selected text is converted into a bulleted list
 - ✗ 2. The selected text is converted into a numbered list
 - ✗ 3. The font size increases
 - ✗ 4. The text alignment changes to center

Q.25 The present cost of a plot area is ₹1,12,079. After a year, its cost increased to ₹1,89,297. The percentage increase (rounded off to the nearest integer) in the cost of the plot area is:

- Ans**
- ✗ 1. 67%
 - ✗ 2. 57%
 - ✓ 3. 69%
 - ✗ 4. 73%

Q.26 Most of the Thar Desert lies in which direction with respect to the Aravalli Hills?

- Ans**
- ✗ 1. East
 - ✗ 2. North-East
 - ✗ 3. South
 - ✓ 4. North-West

Q.27 A, B, C, D, E, F, and G are sitting around a circular table facing the centre. Only two people sit between D and F when counted from the left of F. E sits third to the left of G. A sits to the immediate right of G. A sits second to the left of D. B is an immediate neighbour of E.
How many people sit between C and F when counted from the left of C?

- Ans**
- ☒ 1. Four
 - ☒ 2. Two
 - ☒ 3. One
 - ☒ 4. Three

Q.28 What will come in the place of the question mark (?) in the following equation, if '+' is replaced by '-' and 'x' and '÷' are interchanged?

$$66 \div 2 + 6 \times 1 + 9 = ?$$

- Ans**
- ☒ 1. 120
 - ☒ 2. 105
 - ☒ 3. 110
 - ☒ 4. 117

Q.29 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

ETQ IQO MNM QKK ?

- Ans**
- ☒ 1. UJJ
 - ☒ 2. UHI
 - ☒ 3. UII
 - ☒ 4. UHJ

Q.30 In January 2025, which film director received the Outstanding Achievement in Indian Cinema award at IIFA 2025?

- Ans**
- ☒ 1. Rakesh Roshan
 - ☒ 2. Rajkumar Hirani
 - ☒ 3. Sanjay Leela Bhansali
 - ☒ 4. Karan Johar

Q.31 The Recorder's Court was later replaced by the ____.

- Ans**
- ☒ 1. Privy Council
 - ☒ 2. Supreme Court
 - ☒ 3. Sessions Courts
 - ☒ 4. High Courts

Q.32 T starts from Point A and drives 6 km towards the North. He then takes a right turn, drives 15 km, turns right and drives 9 km. He then takes a right turn and drives 19 km. He takes a final right turn, drives 3 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified)

- Ans**
- ☒ 1. 6 km to the North
 - ☒ 2. 8 km to the North
 - ☒ 3. 4 km to the East
 - ☒ 4. 2 km to the East

Q.33 In which year was the Smart Cities Mission launched to enhance the quality of life in 100 selected cities by providing efficient services, robust infrastructure, and a sustainable environment?

- Ans**
- ☐ 1. 2014
 - ☒ 2. 2015
 - ☐ 3. 2013
 - ☐ 4. 2012

Q.34 Which of the following Operating System concepts is most directly involved in ensuring that multiple processes can access and modify files concurrently without causing data corruption?

- Ans**
- ☐ 1. Paging
 - ☐ 2. Virtual memory management
 - ☒ 3. File locking mechanisms
 - ☐ 4. Scheduling algorithms

Q.35 The relics of Buddha are found inside which of the following Buddhist architectures?

- Ans**
- ☐ 1. Rock Edicts
 - ☐ 2. Chaitya Halls
 - ☒ 3. Stupas
 - ☐ 4. Ashokan Pillars

Q.36 Which Indian Bank has outlined the details of its Embassy Deposits, which are exclusively available to diplomats, non-diplomatic staff and diplomatic missions in March 2025?

- Ans**
- ☐ 1. Bandhan Bank
 - ☐ 2. Bank of Baroda
 - ☒ 3. HDFC Bank
 - ☐ 4. Axis Bank

Q.37 In some cases, the Prime Minister of India assigns an independent charge of a portfolio to a Minister of State. This implies that the Minister of State:

- Ans**
- ☐ 1. loses the title of Minister of State
 - ☐ 2. serves jointly with a Cabinet Minister to share and perform responsibilities of the assigned portfolio
 - ☒ 3. functions as if in Cabinet rank with full independent responsibility for that portfolio
 - ☐ 4. is demoted in responsibilities

Q.38 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. IJ - DE
 - ☐ 2. LM - GH
 - ☐ 3. GH - BC
 - ☒ 4. MN - PD

Q.39 What was a notable feature of the 'Tiger Triumph 2025' joint military exercise between India and the United States?

- Ans**
- ☐ 1. Exclusive focus on counter-terrorism operations
 - ☒ 2. Inclusion of the United States Space Force for the first time
 - ☐ 3. Conducted solely in the Arabian Sea region
 - ☐ 4. Participation limited to naval forces only

Q.40 What is the default name given to a folder on Windows systems?

- Ans**
- ☒ 1. New Folder
 - ☐ 2. Folder
 - ☐ 3. Default Folder
 - ☐ 4. Untitled Folder

Q.41 Yashika buys 6 apples and 6 mangoes for ₹216. When the cost of an apple is decreased by 30% and that of a mango remains the same, then the cost of 5 apples and 8 mangoes is ₹162. What is the original cost of 7 apples and 2 mangoes?

- Ans**
- ☐ 1. ₹217
 - ☐ 2. ₹211
 - ☒ 3. ₹212
 - ☐ 4. ₹214

Q.42 $7362 \times 726.8 \times 0.709$ is equal in value to:

- Ans**
- ☐ 1. $7.362 \times 72.68 \times 70.9$
 - ☐ 2. $736.2 \times 726.8 \times 709$
 - ☐ 3. $7.362 \times 7.268 \times 709$
 - ☒ 4. $73.62 \times 7268 \times 7.09$

Q.43 What was the main purpose of the citadel in Harappan cities?

- Ans**
- ☐ 1. To function as a residential area
 - ☐ 2. To organise religious ceremonies
 - ☒ 3. To organise administrative and public functions
 - ☐ 4. To function as a marketplace

Q.44 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

11 - 22 - 44 - 45; 3 - 6 - 12 - 13

- Ans**
- ☒ 1. 4 - 8 - 16 - 17
 - ☐ 2. 19 - 20 - 22 - 44
 - ☐ 3. 1 - 2 - 3 - 6
 - ☐ 4. 13 - 14 - 15 - 20

- Q.45** A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol to be followed directly as given in the table.

Number/Sym	3	#	8	\$	7	&	6	*	4	^	2
bol											
Code	B	S	D	F	G	H	J	K	L	P	R

Conditions:

- If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
- If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
- If both the second and third elements are perfect squares, then the code of the second element will be the code for the third element.

What will be the code for the following group?

849@

- Ans** ☒ 1. DLUC
☒ 2. DLLC
☒ 3. DULC
☒ 4. CLUD

- Q.46** A boat takes 90 minutes to go 49.2 km upstream. The ratio of the speed of the boat in still water to that of the stream is 3 : 2. How much total time (in hours) will the boat take to go 44.8 km upstream and 71.2 km downstream?

- Ans** ☒ 1. 5.4
☒ 2. 3.8
☒ 3. 0.1
☒ 4. 1.8

- Q.47** Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
 FKN17 GLO28 HMP39 INQ50 ?

- Ans** ☒ 1. JOS60
☒ 2. JOR60
☒ 3. JOR61
☒ 4. JOS61

- Q.48** What is the mode of the data given below? [Give your answer correct to 2 decimal places.]

Age in years	10-20	20-30	30-40	40-50	50-60	60-70	70-80
No. of patients	22	20	23	15	36	17	14

- Ans** ☒ 1. 55.25
☒ 2. 49.91
☒ 3. 59.42
☒ 4. 56.88

- Q.49** In 1510, Alfonso de Albuquerque captured which place from the Sultan of Bijapur and made it the capital of the Portuguese eastern empire?

- Ans** ☒ 1. Calicut
☒ 2. Surat
☒ 3. Goa
☒ 4. Cochin

Q.50 Which of the following is the highest peak of the Maikal range?

- Ans**
- ☐ 1. Anamudi
 - ☐ 2. Kalsubai
 - ☒ 3. Amarkantak
 - ☐ 4. Guru Shikhar

Q.51 In January 2025, for the first time, the Government of India has decided to provide financial assistance to the Indian contingent participating in the 9th Asian Winter Games 2025 under which of the following schemes?

- Ans**
- ☒ 1. Assistance to National Sports Federations
 - ☐ 2. Target Olympic Podium Scheme
 - ☐ 3. Fit India Movement
 - ☐ 4. Khelo India Scheme

Q.52 What is the purpose of the Urban Infrastructure Development Fund (UIDF) announced in the Union Budget 2023-24?

- Ans**
- ☐ 1. To promote agricultural exports
 - ☐ 2. To increase healthcare facilities
 - ☒ 3. To utilise priority sector lending shortfall
 - ☐ 4. To finance rural infrastructure

Q.53 A bank offers 7.4% compound interest per annum calculated on a half-yearly basis. A customer deposits ₹8,022 each on 1 January and 1 July of a year. At the end of the year, the amount he would have gained by way of interest is ____ (give your answer correct to 2 decimal places).

- Ans**
- ☒ 1. ₹901.42
 - ☐ 2. ₹918.48
 - ☐ 3. ₹919.85
 - ☐ 4. ₹903.07

Q.54 Find the simple interest (in ₹) on ₹2,000 at 6% per annum rate of interest for the period from 3 February 2023 to 17 April 2023.

- Ans**
- ☒ 1. 24
 - ☐ 2. 25
 - ☐ 3. 23
 - ☐ 4. 22

Q.55 Which of the following could be the factors that led Foreign Portfolio Investors (FPIs) to withdraw significant funds from Indian equities according to the Economic Survey 2024-25?

- 1. Slowing earnings growth
- 2. High valuations
- 3. Rising geopolitical tensions

- Ans**
- ☒ 1. All 1, 2, and 3
 - ☐ 2. 2 and 3 only
 - ☐ 3. 1 and 3 only
 - ☐ 4. 1 and 2 only

Q.56 What should come in place of the question mark (?) in the given series?

713 715 720 722 727 729 ?

- Ans**
- ☒ 1. 734
 - ☐ 2. 739
 - ☐ 3. 736
 - ☐ 4. 731

Q.57 The numerical value of $\frac{4}{\sec^2\theta} + \frac{3}{1 + \cot^2\theta} + \sin^2\theta$ is:

- Ans**
- ☐ 1. 3
 - ☐ 2. 1
 - ☒ 3. 4
 - ☐ 4. 2

Q.58 If HF is a weak acid, what can be inferred about the strength of its conjugate base F⁻?

- Ans**
- ☐ 1. It is neutral.
 - ☒ 2. It is a weak base.
 - ☐ 3. It is a strong acid.
 - ☐ 4. It is a strong base.

Q.59 Which desktop element in Windows OS allows users to restore deleted files and folders?

- Ans**
- ☐ 1. Control Panel
 - ☐ 2. Start Menu
 - ☒ 3. Recycle Bin
 - ☐ 4. Task Manager

Q.60 A shop sells candles in two packs: Pack A: 5 candles at ₹4 each and Pack B: 5 candles at ₹6 each. What is the average price per candle?

- Ans**
- ☒ 1. ₹5
 - ☐ 2. ₹6
 - ☐ 3. ₹5.5
 - ☐ 4. ₹4

Q.61 What type of AI model did the Indian Institute of Science (IIS) team use in 2025 to generate synthetic images that help improve object detection?

- Ans**
- ☐ 1. Recurrent Neural Network (RNN)
 - ☐ 2. Transformer Model
 - ☒ 3. Diffusion Model
 - ☐ 4. Generative Adversarial Network (GAN)

Q.62 If $a + b = 33$, and $a - b = 37$, find the value of $(a + b)^2$.

- Ans**
- ☐ 1. 1181
 - ☐ 2. 1152
 - ☐ 3. 1101
 - ☒ 4. 1089

Q.63 The least number which, when diminished by 8, is divisible by 15, 12, 18 and 29 is:

- Ans
- ☐ 1. 5187
 - ☐ 2. 5275
 - ☒ 3. 5228
 - ☐ 4. 5263

Q.64 Which cricket team won the 2024 ICC Women's T20 World Cup held in the UAE, securing their first title in this format?

- Ans
- ☐ 1. India
 - ☒ 2. New Zealand
 - ☐ 3. Australia
 - ☐ 4. England

Q.65 In $\triangle ABC$, $DE \parallel AC$, where D and E are the points on sides AB and AC respectively. If $AD = 4$ and $DB = 6$, then what is the ratio of the area of $\triangle BDE$ to the trapezium ADEC?



- Ans
- ☐ 1. 12 : 435
 - ☒ 2. 4 : 437
 - ☐ 3. 13 : 8
 - ☐ 4. 10 : 11

Q.66 If the roots of the quadratic equation $kx^2 - 4x + 1 = 0$ are real and equal, what is the value of k?

- Ans
- ☐ 1. 8
 - ☐ 2. 2
 - ☐ 3. 1
 - ☒ 4. 4

Q.67 What should come in place of the question mark (?) in the given series?

327, 304, 271, ?, 175, 112

- Ans
- ☐ 1. 238
 - ☐ 2. 248
 - ☒ 3. 228
 - ☐ 4. 218

Q.68 D, E, F, G, H, I and P are sitting around a circular table facing the centre of the table. Only four people sit between D and P when counted from the right of D. D sits third to the left of H. G sits third to the left of E. I is an immediate neighbour of both P and H. How many people sit between F and I when counted from the right of F?

- Ans
- ☐ 1. One
 - ☐ 2. Four
 - ☒ 3. Two
 - ☐ 4. Three

Q.69 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All sweater are jacket.

All sweater are coat.

All coat are blazer.

Conclusions:

(I) All sweater are blazer.

(II) Some coat are jacket.

- Ans**
- ☒ 1. Only conclusion (I) follows
 - ☒ 2. Neither conclusion (I) nor (II) follows
 - ☒ 3. Both conclusions (I) and (II) follow
 - ☒ 4. Only conclusion (II) follows

Q.70 Which of the following is the equivalent ratio of 7 : 9?

- Ans**
- ☒ 1. 70 : 90
 - ☒ 2. 67 : 93
 - ☒ 3. 72 : 95
 - ☒ 4. 67 : 91

Q.71 A dealer purchased a ceiling fan for ₹66,000. He allows a discount of 56% on its marked price and still gains 69%. Find the marked price of the ceiling fan.

- Ans**
- ☒ 1. ₹2,53,394
 - ☒ 2. ₹2,53,597
 - ☒ 3. ₹2,53,426
 - ☒ 4. ₹2,53,500

Q.72 Which powerful ruler of the Pallavas constructed the Shore Temple at Mahabalipuram?

- Ans**
- ☒ 1. Narasimhavarman II
 - ☒ 2. Simhavishnu
 - ☒ 3. Nandivarman
 - ☒ 4. Mahendravarman I

Q.73 Each of the digits in the number 24765389 is arranged in ascending order from left to right. Which of the following digits will be fourth from the left in the new number thus formed?

- Ans**
- ☒ 1. 5
 - ☒ 2. 6
 - ☒ 3. 4
 - ☒ 4. 7

Q.74 Four numbers are in the ratio of 11 : 19 : 5 : 7 respectively. If the sum of these four numbers is 2289, then what is the sum of the first and the third number?

- Ans**
- ☒ 1. 872
 - ☒ 2. 816
 - ☒ 3. 887
 - ☒ 4. 848

Q.75 Find the circumference (in m) of the largest circle that can be inscribed in a rectangle whose dimensions are given as 281 m and 133 m.

Take $\pi = \frac{22}{7}$

- Ans**
- ☐ 1. 416
 - ☐ 2. 428
 - ☒ 3. 418
 - ☐ 4. 411

Q.76 Which of the following changes did the Waqf (Amendment) Act, 2025 make?

- Ans**
- ☐ 1. Removed audits
 - ☐ 2. Allowed private leasing
 - ☐ 3. Abolished State Waqf boards
 - ☒ 4. Added Muslim women to boards

Q.77 The longitudinal valleys between the lesser Himalayas and the Shiwaliks are called:

- Ans**
- ☐ 1. Doabs
 - ☐ 2. Meanders
 - ☐ 3. Khadars
 - ☒ 4. Duns

Q.78 Which edition of the World Sustainable Development Summit (WSDS) was held from 5th to 7th March 2025?

- Ans**
- ☐ 1. 23rd
 - ☒ 2. 24th
 - ☐ 3. 28th
 - ☐ 4. 20th

Q.79 What is the proper way to print a spreadsheet in MS Excel?

- Ans**
- ☒ 1. Click on the 'File' tab and choose 'Print'
 - ☐ 2. Press Ctrl + S
 - ☐ 3. Click on the 'Home' tab and select 'Print'
 - ☐ 4. Press Ctrl + Pt

Q.80 If the selling price of a bed is 2-times of initial, then the profit is 7-times of initial. Find the initial profit percentage (in %).

- Ans**
- ☐ 1. 28.57
 - ☒ 2. 20
 - ☐ 3. 250
 - ☐ 4. 350

Q.81 If the sum of two numbers p and m is 12 and $(p^3 + m^3) = 360$, then find



- Ans**
- ☐ 1. 44
 - ☐ 2. 28
 - ☒ 3. 38
 - ☐ 4. 35

Q.82 Which key event in the life cycle of Plasmodium causes rupture of red blood cells?

- Ans**
- ☐ 1. Multiplication inside liver cells
 - ☐ 2. Sexual reproduction inside mosquitoes in the erythrocytes
 - ☐ 3. Conversion into sporozoites
 - ☒ 4. Maturation and multiplication of merozoites inside the RBCs

Q.83 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Q has the exam on Monday. P has the exam before R. Only two people have exams between U and Q. V has the exam immediately before U but after S. R has the exam before T.

How many people have exams between P and S?

- Ans**
- ☐ 1. Five
 - ☒ 2. Two
 - ☐ 3. Three
 - ☐ 4. Four

Q.84 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

BGM : DEK
SVL : UTJ

- Ans**
- ☐ 1. GOU : KMQ
 - ☒ 2. EKX : GIV
 - ☐ 3. IMZ : MIW
 - ☐ 4. HXF : LTB

Q.85 A and B complete a work in 14 days. If A alone can do it in 63 days, then B alone can do it half of the same work in _____ days.

- Ans**
- ☐ 1. 36
 - ☒ 2. 9
 - ☐ 3. 27
 - ☐ 4. 18

Q.86 Which court in the subordinate judiciary has unlimited pecuniary jurisdiction in civil cases?

- Ans**
- ☐ 1. Small Causes Court
 - ☐ 2. Court of Munsiff
 - ☒ 3. Judge of District Court
 - ☐ 4. Nyaya Panchayat

Q.87 In 2024, the Indian government approved defence acquisitions worth \$17.3 billion. How much percentage of these acquisitions was sourced from domestic suppliers?

- Ans**
- ☐ 1. 75%
 - ☐ 2. 50%
 - ☐ 3. 100%
 - ☒ 4. 99%

Q.88 Sujay ranked 29th from the top and 59th from the bottom in his class. How many students are there in his class?

- Ans**
- ☐ 1. 86
 - ☐ 2. 88
 - ☒ 3. 87
 - ☐ 4. 85

Q.89 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

TJR : PKT

DHQ : ZIS

- Ans**
- ☐ 1. CRJ : BTN
 - ☐ 2. KOS : IQV
 - ☒ 3. XBG : TCI
 - ☐ 4. EMT : CQX

Q.90 Rakesh's salary is ₹12,000 per month. He spends ₹6,000 on house rent, ₹3,000 on bills and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent his complete monthly savings for the birthday celebration.

- Ans**
- ☒ 1. 33,000
 - ☐ 2. 36,000
 - ☐ 3. 30,000
 - ☐ 4. 27,000

Q.91 Ishan starts from Point Y and drives 21 km towards the north. He then takes a left turn, drives 42 km, turns left and drives 41 km. He then takes a right turn and drives 17 km. He takes a right turn, drives 59 km. He then turns right, drives 18 km, turns right and drives 39 km to stop at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)

- Ans**
- ☐ 1. 39 km towards the east
 - ☒ 2. 41 km towards the east
 - ☐ 3. 43 km towards the west
 - ☐ 4. 45 km towards the south

Q.92 In a certain code language, 'PEAR' is coded as '7481' and 'DEAR' is coded as '7154'. What is the code for 'D' in the given code language?

- Ans**
- ☒ 1. 5
 - ☐ 2. 7
 - ☐ 3. 4
 - ☐ 4. 1

Q.93 As of February 2025, how many athletes trained under Khelo India have set international records?

- Ans**
- ☐ 1. 1250
 - ☐ 2. 1802
 - ☒ 3. 1424
 - ☐ 4. 1631

Q.94 When was the discovery of salvarsan recognised with a Nobel Prize in Medicine?

- Ans**
- ☐ 1. 1915
 - ☒ 2. 1908
 - ☐ 3. 1905
 - ☐ 4. 1929

Q.95 Which of the following acts of the East India Company formally separated the Legislative and Executive functions of Governor-General's Council?

- Ans**
- ☐ 1. Charter Act of 1833
 - ☐ 2. Charter Act of 1793
 - ☒ 3. Charter Act of 1853
 - ☐ 4. Charter Act of 1813

Q.96 A shopkeeper sold a book for ₹544 at a loss of 36%. At what price (in ₹) should he sell it to gain 24% on it?

- Ans**
- ☐ 1. 1,057
 - ☐ 2. 1,056
 - ☐ 3. 1,055
 - ☒ 4. 1,054

Q.97 The mode of the observations 35, 32, 28, 27, 25, 32, 31, 27, 32, 30, 32, 27, 31, 34, 32 and 22 is:

- Ans**
- ☒ 1. 32
 - ☐ 2. 35
 - ☐ 3. 27
 - ☐ 4. 28

Q.98 Which of the following farming techniques is primarily practised by tribal groups in India?

- Ans**
- ☐ 1. Commercial farming
 - ☐ 2. Intensive farming
 - ☒ 3. Shifting agriculture
 - ☐ 4. Plantation farming

Q.99 The World Sustainable Development Summit 2025 took place in which city?

- Ans**
- ☐ 1. Hyderabad
 - ☐ 2. Bengaluru
 - ☐ 3. Mumbai
 - ☒ 4. New Delhi

Q.100 The diagonals of a rhombus are in the ratio 8 : 15, and the perimeter is 102 cm. Find the area (in cm^2) of the rhombus.

- Ans**
- ☐ 1. 534
 - ☐ 2. 546
 - ☒ 3. 540
 - ☐ 4. 533



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०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	ION Digital Zone IDZ Thrissur
Test Date	19/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 Kanpur, a city in the Indian state of Uttar Pradesh, is an example of which type of town?

- Ans**
- ☒ 1. Administrative Town
 - ☒ 2. Industrial Town
 - ☒ 3. Transfer and Distribution Town
 - ☒ 4. Recreational Town

Q.2 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7418536, how many digits will appear more than once in the new number thus formed?

- Ans**
- ☒ 1. None
 - ☒ 2. Three
 - ☒ 3. One
 - ☒ 4. Two

Q.3 A train is 1495 m and it crosses a platform in 2.8 minutes running at the speed of 54 km/hr. Find the difference between the length of the train and the platform.

- Ans**
- ☒ 1. 472 m
 - ☒ 2. 470 m
 - ☒ 3. 461 m
 - ☒ 4. 467 m

Q.4 In March 2025, what important decision did the Supreme Court of India make regarding disability rights?

- Ans**
- ☒ 1. It said disability rights are a part of fundamental rights.
 - ☒ 2. It allowed only private companies to hire persons with disabilities.
 - ☒ 3. It banned all exams for persons with disabilities.
 - ☒ 4. It removed reservations for persons with disabilities.

Q.5 This question is based on the five, three-digit numbers given below.

(Left) 103 678 217 111 537 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(Note: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the first digit of the lowest number?

- Ans**
- ☒ 1. 9
 - ☒ 2. 11
 - ☒ 3. 8
 - ☒ 4. 7

Q.6 What is the dual role of the highest judicial officer in a district?

- Ans**
- ☒ 1. Subordinate Judge for civil cases and Metropolitan Magistrate for criminal cases
 - ☒ 2. Nyaya Panchayat head for civil cases and Gram Kutchery head for criminal cases
 - ☒ 3. District Judge for civil cases and Sessions Judge for criminal cases
 - ☒ 4. Chief Judicial Magistrate for civil cases and Munsiff for criminal cases

Q.7 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Numb er/sy mbol	5	2	3	4	\$	&	6	@	#	%	+	8	9	7
Code	A	D	F	G	H	J	K	L	Z	X	C	V	B	M

Conditions:

If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.

If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.

If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?

3 4 9 7

- Ans**
- ☒ 1. MGBF
 - ☒ 2. FBBM
 - ☒ 3. FGBM
 - ☒ 4. FGGM

Q.8 Which of the following statements regarding the Dharti Aaba Janjatiya Gram Utkarsh Abhiyan launched in 2024 is/are correct?

The scheme aims for the holistic development of tribal areas through 25 interventions in health, education and livelihood.

The scheme benefits only 10 states with scheduled areas, excluding other tribal areas.

It was launched by Vice President Jagdeep Dhankhar in Jharkhand on 2nd October 2024.

- Ans**
- ☒ 1. Only 2
 - ☒ 2. Only 1 and 3
 - ☒ 3. 1, 2 and 3
 - ☒ 4. Only 1

Q.9 What is the expected investment target under the Tamil Nadu Space Industrial Policy 2025?

- Ans** ☒ 1. ₹10,000 crore
☐ 2. ₹5,000 crore
☐ 3. ₹15,000 crore
☐ 4. ₹20,000 crore

Q.10 A, B, C, D, E, F, and G are sitting around a circular table facing the centre. B sits third to the left of F. C sits second to the left of D. Only F sits between A and C. G is not an immediate neighbour of B. How many people sit between A and D when counted from the left of D?

- Ans** ☒ 1. Three
☐ 2. One
☐ 3. Four
☐ 4. Two

Q.11 What is the correct method to save a new workbook in MS Excel?

- Ans** ☐ 1. Press 'Ctrl + P'
☐ 2. Press 'Ctrl + Enter'
☒ 3. Click the 'File' tab and choose 'Save As'
☐ 4. Go to the 'Home' tab and click 'Save'

Q.12 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1836547, what will be the sum of the digits that are second from the left and second from the right in the new number thus formed?

- Ans** ☒ 1. 8
☐ 2. 12
☐ 3. 10
☐ 4. 14

Q.13 Find the volume (in cm^3) of a sphere having a diameter of 4.2 cm, giving your answer correct to two places of decimal.

Take $\pi = \frac{22}{7}$

- Ans** ☒ 1. 38.8
☐ 2. 18.8
☐ 3. 168.8
☐ 4. 188.8

Q.14 In which year was the demonetisation of 500- and 1000-rupees notes announced in India?

- Ans** ☐ 1. 2018
☒ 2. 2016
☐ 3. 2014
☐ 4. 2020

Q.15 What was the purpose of the Imperial Service Scheme (1885)?

- Ans** ☒ 1. To raise troops for British defence, paid by princely states
☐ 2. To facilitate trade among states
☐ 3. To abolish princely privileges
☐ 4. To educate royal families

Q.16 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(15, 18.2, 21.4)

(19, 22.2, 25.4)

Ans ✓ 1. (24, 27.2, 30.4)

✗ 2. (36, 39.2, 41.4)

✗ 3. (43, 46.2, 48.4)

✗ 4. (28, 30.2, 32.4)

Q.17 A sum, when invested at 20% simple interest per annum, amounts to ₹8,640 after 3 years. What is the simple interest (in ₹) on the same sum at the same rate in 2 years?

Ans ✗ 1. 1,080

✗ 2. 8,640

✗ 3. 4,320

✓ 4. 2,160

Q.18 Which of the following statements is NOT correct with reference to the main group elements?

Ans ✗ 1. They are also called representative elements.

✗ 2. Their valence shell configurations help predict chemical behaviour.

✗ 3. They include both s-block and p-block elements.

✓ 4. Their reactivity does not follow any periodic trend.

Q.19 Ramesh purchased $(4x - 3y)$ dolls from a shop at the rate of ₹ $(x + y)$ per doll.

Ans ✗ 1. ₹ $(x^2 - xy + y^2)$

✓ 2. ₹ $(4x^2 + xy - 3y^2)$

✗ 3. ₹ $(4x^2 - xy + y^2)$

✗ 4. ₹ $(x^2 - xy + 3y^2)$

Q.20 A dishonest shopkeeper claims that he sells rock salt at ₹17/kg, which costs him ₹20/kg. But he gives 567 g instead of 1134 g. What is his profit percentage?

Ans ✗ 1. Profit of 73%

✓ 2. Profit of 70%

✗ 3. Profit of 68%

✗ 4. Profit of 69%

Q.21 If 18% of a number is equal to $\frac{4}{5}$ of another number, then what is the ratio of the two numbers?

Ans ✓ 1. 40 : 9

✗ 2. 43 : 5

✗ 3. 42 : 13

✗ 4. 41 : 6

Q.22 Which of the following organisations won the Pulitzer Prize for Public Service in 2025?

- Ans**
- ☐ 1. Reuters
 - ☒ 2. ProPublica
 - ☐ 3. The Washington Post
 - ☐ 4. The New York Times

Q.23 The mode of the observations 35, 27, 27, 32, 25, 24, 27, 24, 32, 20, 31, 21, 29, 22, 27, 20 and 26 is:

- Ans**
- ☐ 1. 32
 - ☐ 2. 35
 - ☐ 3. 25
 - ☒ 4. 27

Q.24 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☒ 1. MP - LK
 - ☐ 2. NP - KM
 - ☐ 3. HJ - EG
 - ☐ 4. KM - HJ

Q.25 The fourth proportion to 7, 5 and 14 is the same as the third proportion to A and 10. What is the value of A?

- Ans**
- ☒ 1. 10
 - ☐ 2. 13
 - ☐ 3. 11
 - ☐ 4. 8

Q.26 Which Indian state had the highest Human Development Index (HDI) in 2017?

- Ans**
- ☐ 1. Tamil Nadu
 - ☒ 2. Kerala
 - ☐ 3. Maharashtra
 - ☐ 4. Gujarat

Q.27 When appointing judges to the Supreme Court, the President must consult which of the following?

- Ans**
- ☐ 1. The Law Minister exclusively
 - ☒ 2. The Chief Justice of India
 - ☐ 3. The Union Public Service Commission
 - ☐ 4. The Prime Minister only

Q.28 Which of the following statements is/are correct with reference to the Supreme Court judgement in 'The State Of Tamil Nadu vs The Governor Of Tamil Nadu' on 8 April 2025?
The Supreme Court held that the Governor cannot withhold assent after a bill is re-passed by the legislature.
The Court used its powers under Article 142 to deem 10 pending Bills as having received assent.
The judgement laid down that the Governor may reserve a re-enacted Bill for Presidential consideration.

- Ans**
- ☒ 1. 1, 2 and 3
 - ☒ 2. Only 1 and 2
 - ☒ 3. Only 1 and 3
 - ☒ 4. Only 2

Q.29 If 425 bananas were distributed among three monkeys in the ratio $\frac{8}{3}$:
how many bananas did the third monkey get?

- Ans**
- ☒ 1. 119
 - ☒ 2. 120
 - ☒ 3. 118
 - ☒ 4. 121

Q.30 In $\triangle ABC$, $DE \parallel AC$, where D and E are the points on sides AB and AC respectively. If $BD = 10$ cm and $AD = 17$ cm, then what is the ratio of the area of $\triangle BDE$ to the area of $\triangle ABC$?

- Ans**
- ☒ 1. 100 : 629
 - ☒ 2. 344 : 415
 - ☒ 3. 629 : 100
 - ☒ 4. 406 : 383

Q.31 Which of the following banking facilities is/are operated by National Payments Corporation of India?

1. National Electronic Funds Transfer (NEFT)
2. Aadhaar Enabled Payment System
3. UPI Lite

- Ans**
- ☒ 1. 1, 2 and 3
 - ☒ 2. Only 1 and 2
 - ☒ 3. Only 2 and 3
 - ☒ 4. Only 1 and 3

Q.32 Mr. Filix starts from Point A and drives 19 km towards the South. He then takes a left turn, drives 5 km, turns left and drives 33 km. He then takes a left turn and drives 9 km. He takes a final left turn, drives 14 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified.)

- Ans**
- ☒ 1. 2 km to the South
 - ☒ 2. 4 km to the East
 - ☒ 3. 1 km to the West
 - ☒ 4. 8 km to the North

Q.33 What should come in place of the question mark (?) in the given series?

512 520 510 522 ? 524 506

- Ans ☒ 1. 520
☒ 2. 505
☒ 3. 508
☒ 4. 521

Q.34 The sum of 6 times the present age of A and 4 times the present age of B is 156 years. 2 times the present age of B exceeds 9 times the present age of A by 30 years. What will be the sum of the ages (in years) of A and B, 9 years from now?

- Ans ☒ 1. 55
☒ 2. 50
☒ 3. 46
☒ 4. 51

Q.35 A, B, C, D, R, S and T are sitting around a circular table facing the centre of the table. Only one person sits between D and T when counted from the left of T. S sits third to the right of R. C sits third to the left of A. S sits to the immediate right of C. B is not an immediate neighbour of C. How many people sit between B and T when counted from the right of B?

- Ans ☒ 1. Three
☒ 2. Four
☒ 3. Two
☒ 4. One

Q.36 Simplify: $\left[(24 \times 6) \times \left\{ 2 \div 2 \times \left(18 - \frac{12}{2} \right) \right\} \right]$

- Ans ☒ 1. 1728
☒ 2. 432
☒ 3. 1435
☒ 4. 872

Q.37 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
 (NOTE: All numbers are single digit numbers only.)

(Left) 7 € 2 5 3 © 8 © 4 € 9 3 € 5 # % * 3 4 7 \$ 1 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?

- Ans ☒ 1. 5
☒ 2. 8
☒ 3. 7
☒ 4. 6

Q.38 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

HMP : KON
 USQ : XUO

- Ans ☒ 1. DLV : GNT
☒ 2. KWZ : GSC
☒ 3. DWP : JZI
☒ 4. BIO : FNK

Q.39 What will be the difference in population 3 years ago and 2 years ago of a town whose current population of 2,60,000 is increasing at a rate of 25% every year?

- Ans**
- ☐ 1. 33,630
 - ☒ 2. 33,280
 - ☐ 3. 32,530
 - ☐ 4. 32,730

Q.40 Who among the following has been appointed as the Chairperson of National Commission for Women (NCW), in October 2024?

- Ans**
- ☐ 1. Arti Sarin
 - ☐ 2. Amit Kumar
 - ☒ 3. Vijaya Kishore Rahatkar
 - ☐ 4. Anju Rathi Rana

Q.41 Three numbers are in the ratio 1 : 11 : 19, and their LCM is 8778. Their HCF is ____.

- Ans**
- ☐ 1. 36
 - ☐ 2. 50
 - ☒ 3. 42
 - ☐ 4. 54

Q.42 A group of people consists of men, women and children. Among them, 20% are men, 30% are women and the rest are children, and their average weights are 50 kg, 40 kg and 40 kg, respectively. The average weight of the group (in kg) is:

- Ans**
- ☒ 1. 42
 - ☐ 2. 39
 - ☐ 3. 37
 - ☐ 4. 38

Q.43 The Indo-Greek king who issued coins with bilingual inscriptions was:

- Ans**
- ☐ 1. Antialcidas
 - ☐ 2. Menander I
 - ☒ 3. Demetrius
 - ☐ 4. Apollodotus

Q.44 What major event did The Washington Post cover to win the 2025 Pulitzer for Breaking News Reporting?

- Ans**
- ☐ 1. Texas school shooting
 - ☐ 2. Russian invasion of Ukraine
 - ☒ 3. Donald Trump assassination attempt
 - ☐ 4. Sudanese civil war

Q.45 What is the name of the team that lost to Rajnigandha Achievers in the Aditya Birla Memorial Polo final Cup 2025?

- Ans**
- ☐ 1. New Delhi Polo Team
 - ☐ 2. Aditya Birla Group
 - ☒ 3. Jindal Panther
 - ☐ 4. Rajnigandha Polo Team

Q.46 This question is based on the five, three-digit numbers given below.

(Left) 617 335 930 459 571 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(Note: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is added to the third digit of the lowest number?

- Ans**
- ☒ 1. 13
 - ☒ 2. 17
 - ☒ 3. 15
 - ☒ 4. 14

Q.47 What should come in place of the question mark (?) in the given series?

428, 405, 372, ?, 276, 213

- Ans**
- ☒ 1. 339
 - ☒ 2. 229
 - ☒ 3. 329
 - ☒ 4. 319

Q.48 In a certain code language, 'JAIL' is coded as '3457' and 'ARCS' is coded as '1265'. What is the code for 'A' in the given code language?

- Ans**
- ☒ 1. 5
 - ☒ 2. 1
 - ☒ 3. 4
 - ☒ 4. 6

Q.49 A and B complete a work in 14 days. If A alone can do it in 56 days, then B alone can do three-fourth of the same work in _____ days.

- Ans**
- ☒ 1. 14
 - ☒ 2. 28
 - ☒ 3. 56
 - ☒ 4. 42

Q.50 A sound wave with a period of 0.01 seconds has a frequency of:

- Ans**
- ☒ 1. 10 Hz
 - ☒ 2. 0.1 Hz
 - ☒ 3. 100 Hz
 - ☒ 4. 1000 Hz

Q.51 Which of the following materials was not used for making ornaments during the Harappan civilisation?

- Ans**
- ☒ 1. Carnelian
 - ☒ 2. Diamond
 - ☒ 3. Ivory
 - ☒ 4. Steatite

Q.52 If the median of a data is 46.36 less than its mode, then the median of the data exceeds its mean by _____. (Use the empirical formula)

- Ans**
- ☒ 1. 20.83
 - ☒ 2. 19.14
 - ☒ 3. 18.76
 - ☒ 4. 23.18

Q.53 What is the dominant soil type in the Great Plains of India?

- Ans
- ☐ 1. Laterite soil
 - ☐ 2. Red soil
 - ☐ 3. Black cotton soil
 - ☒ 4. Alluvial soil

Q.54 Which region was merged in 1948 to form the initial territory of Himachal Pradesh?

- Ans
- ☐ 1. Patiala and East Punjab States Union
 - ☒ 2. Shimla Hill States
 - ☐ 3. Rajputana
 - ☐ 4. Chhattisgarh

Q.55 One-third of a journey is covered at a speed of 31 km/hr, the next one-third of the journey is covered at a speed of 4 km/hr, and the remaining journey is covered at a speed of 34 km/hr. The average speed (in km/hr, rounded off to one decimal place) for the entire journey is:

- Ans
- ☒ 1. 9.6
 - ☐ 2. 3.1
 - ☐ 3. 7.1
 - ☐ 4. 6.3

Q.56 The population of a town in the year 1921 was 3,47,900. If its population increased in two successive decades by 50% in each decade, the population of the town in the year 1941 was:

- Ans
- ☐ 1. 7,82,776
 - ☐ 2. 7,82,778
 - ☐ 3. 7,82,777
 - ☒ 4. 7,82,775

Q.57 The roots of the quadratic equation $3x^2 - 7x + 1 = 0$ are:

- Ans
- ☐ 1. $\frac{(7 + \sqrt{37})}{1.5}$ & $\frac{(7 - \sqrt{37})}{1.5}$
 - ☒ 2. $\frac{(7 + \sqrt{37})}{6}$ & $\frac{(7 - \sqrt{37})}{6}$
 - ☐ 3. $\frac{(-7 + \sqrt{37})}{3}$ & $\frac{(-7 - \sqrt{37})}{3}$
 - ☐ 4. $\frac{(-7 + \sqrt{37})}{3}$ & $\frac{(7 + \sqrt{37})}{1.5}$

Q.58 Which Article of the Constitution of India mentions the Fundamental Duty of defending the country and rendering national service when called upon to do so?

- Ans
- ☐ 1. Article 51A (c)
 - ☒ 2. Article 51A (d)
 - ☐ 3. Article 51A (a)
 - ☐ 4. Article 51A (e)

Q.59 Which of the following states is famous for its ingenious water conservation methods, 'taanka' or 'kunds'?

- Ans**
- ☐ 1. Madhya Pradesh
 - ☐ 2. Karnataka
 - ☒ 3. Rajasthan
 - ☐ 4. Uttar Pradesh

Q.60 Foreign Direct Investment (FDI) is a key aspect of globalisation. What is a major benefit of FDI for developing countries like India?

- Ans**
- ☐ 1. Currency depreciation
 - ☒ 2. Access to technology and employment
 - ☐ 3. Trade deficits
 - ☐ 4. Increase in taxation

Q.61 As per the Union Budget 2025-26, the start-up incorporation deadline was extended for how many years to avail tax benefits?

- Ans**
- ☐ 1. 7
 - ☐ 2. 6
 - ☐ 3. 4
 - ☒ 4. 5

Q.62 A person who spends 52% of his monthly income is able to save ₹7,740 per month. His monthly expenses (in ₹) are:

- Ans**
- ☐ 1. 8,344
 - ☒ 2. 8,385
 - ☐ 3. 8,348
 - ☐ 4. 8,460

Q.63 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

QK15 OI26 MG37 KE48 ?

- Ans**
- ☒ 1. IC59
 - ☐ 2. ID59
 - ☐ 3. IC58
 - ☐ 4. ID58

Q.64 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

Some protein are carbs.
Some protein are vitamin.
Some carbs are sugar.

Conclusions:

(I) Some protein are sugar.
(II) Some carbs are vitamin.

- Ans**
- ☐ 1. Both conclusions (I) and (II) follow
 - ☐ 2. Only conclusion (I) follows
 - ☒ 3. Neither conclusion (I) nor (II) follows
 - ☐ 4. Only conclusion (II) follows

Q.65 In Windows 11, why might you receive an 'Access is denied' error when trying to rename a file?

- Ans**
- ☐ 1. The file has no extension.
 - ☐ 2. You are using the wrong drive letter.
 - ☒ 3. The file ownership has changed.
 - ☐ 4. You are renaming from the Recycle Bin.

Q.66 In a certain code language,

'A + B' means 'A is the sister of B'

'A - B' means 'A is the father of B'

'A x B' means 'A is the daughter of B'

'A ÷ B' means 'A is the son of B'

Based on the above, how is P related to T if 'P + Q - R ÷ S x T'?

- Ans**
- ☐ 1. Father's sister
 - ☐ 2. Sister's husband's mother
 - ☐ 3. Daughter-in-law
 - ☒ 4. Daughter's husband's sister

Q.67 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: QSO :: XZV : %

- Ans**
- ☐ 1. # = SVR, % = UWU
 - ☐ 2. # = SFR, % = POS
 - ☒ 3. # = TVR, % = UWS
 - ☐ 4. # = TUR, % = UET

Q.68 Find the effective price percentage of the marked price after three consecutive discounts of 18%, 24% and 18%. (Rounded up to two decimal places.)

- Ans**
- ☐ 1. 54.41%
 - ☒ 2. 51.10%
 - ☐ 3. 53.54%
 - ☐ 4. 48.56%

Q.69 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. GE - LC
 - ☐ 2. TR - YP
 - ☐ 3. VT - AR
 - ☒ 4. YW - DV

Q.70 Harappan trade relations extended to:

- Ans**
- ☐ 1. Greece
 - ☐ 2. Rome
 - ☐ 3. Persia
 - ☒ 4. Mesopotamia

Q.71 Which of the following Directive Principles is mentioned in Article 44 of the Constitution of India?

- Ans**
- ☐ 1. Promotion of co-operative societies
 - ☐ 2. Organisation of agriculture and animal husbandry
 - ☐ 3. Equal justice and free legal aid
 - ☒ 4. Uniform civil code for the citizens

Q.72 In a certain code language, 'COIL' is coded as '3457' and 'OPEN' is coded as '1246'. What is the code for 'O' in the given code language?

- Ans**
- ☐ 1. 2
 - ☒ 2. 4
 - ☐ 3. 3
 - ☐ 4. 1

Q.73 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: KSB :: NVE : %

- Ans**
- ☐ 1. # = FNW, % = SAI
 - ☐ 2. # = FUW, % = SAJ
 - ☐ 3. # = FNW, % = SUY
 - ☒ 4. # = FNW, % = SAJ

Q.74 Seven boxes, D, E, F, G, S, T and U, are kept one over the other but not necessarily in the same order. Only three boxes are kept above G. Only one box is kept between T and G. Only three boxes are kept between T and S. S is kept at some place above G. E is kept immediately below S. F is kept at one of the places above D. U is not kept immediately above or below T. Which box is kept at the lowermost position?

- Ans**
- ☒ 1. D
 - ☐ 2. T
 - ☐ 3. F
 - ☐ 4. U

Q.75 Which of the following options is a final good in the context of Indian economy?

- Ans**
- ☐ 1. Flour
 - ☐ 2. Wheat
 - ☒ 3. Biscuits
 - ☐ 4. Sugar

Q.76 Till which year has the term of Chief Economic Adviser V Anantha Nageswaran been extended?

- Ans**
- ☐ 1. March 2029
 - ☐ 2. March 2028
 - ☐ 3. March 2026
 - ☒ 4. March 2027

Q.77 Deficiency of which nutrient is most directly linked to reduced oxygen-carrying capacity of blood?

- Ans**
- ☐ 1. Calcium
 - ☐ 2. Iodine
 - ☐ 3. Vitamin A
 - ☒ 4. Iron

Q.78 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.
RLN PKP NJR ? JHV

- Ans
- ☐ 1. LIS
 - ☐ 2. LJS
 - ☒ 3. LIT
 - ☐ 4. LHP

Q.79 A shopkeeper sold a book for ₹225 at a loss of 10%. At what price (in ₹) should he have to sell it to gain 24% on it?

- Ans
- ☐ 1. 307
 - ☐ 2. 311
 - ☐ 3. 308
 - ☒ 4. 310

Q.80 If $a + b = 50$, and $a - b = 42$, find the value of $a^2 + b^2$.

- Ans
- ☒ 1. 2132
 - ☐ 2. 2500
 - ☐ 3. 2578
 - ☐ 4. 2503

Q.81 According to the Regulating Act 1773, which of the following options is INCORRECT about the powers and responsibilities of the Governor General?

- Ans
- ☐ 1. Powered to superintend the presidencies of Madras and Bombay in war and peace
 - ☐ 2. Can make rules and regulations for the civil government of Fort William
 - ☐ 3. Can control the presidencies of Madras and Bombay in war and peace
 - ☒ 4. Can override the decision of his council

Q.82 At which session of the Indian National Congress was the resolution for Poorna Swaraj (complete independence) passed?

- Ans
- ☐ 1. Calcutta Session, 1920
 - ☐ 2. Lucknow Session, 1916
 - ☒ 3. Lahore Session, 1929
 - ☐ 4. Karachi Session, 1931

Q.83 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. R has an exam on Thursday. Exactly 4 people have their exam between U and T, neither of whom has an exam on Sunday. S has an exam immediately before Q. P does not have an exam on Friday. U does not have an exam after Q. How many people have an exam after Q?

- Ans
- ☐ 1. 1
 - ☐ 2. 2
 - ☐ 3. 3
 - ☒ 4. 4

Q.84 According to Airports Authority of India, which Indian airport was the busiest in terms of passenger traffic in Financial Year 2023-2024?

- Ans
- ☐ 1. Kempegowda International Airport, Bengaluru
 - ☐ 2. Rajiv Gandhi International Airport, Hyderabad
 - ☐ 3. Chhatrapati Shivaji Maharaj International Airport, Mumbai
 - ☒ 4. Indira Gandhi International Airport, Delhi

Q.85 Three numbers are in the ratio 4 : 5 : 6 and their average is 40. The la

Ans ☒ 1. 48

☐ 2. 32

☐ 3. 44

☐ 4. 42

Q.86 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '/' are interchanged?

$$612 \div 45 + 13 \times 936 - 78 = ?$$

Ans ☐ 1. 112

☐ 2. 15

☒ 3. 39

☐ 4. 106

Q.87 What is the primary purpose of defining a 'Named Range' in MS Excel?

Ans ☐ 1. To create a visual chart or graph from the selected data

☐ 2. To encrypt the data within a selected range of cells

☒ 3. To refer to a cell or range of cells using a more descriptive and easier-to-understand name in formulas

☐ 4. To apply specific formatting to a group of cells

Q.88 Which of the following statements is true regarding ASCII, LAN, and CD in computer terminology?

Ans ☐ 1. LAN refers to a wide geographical network like the internet.

☐ 2. ASCII is used for formatting disks in a LAN network.

☐ 3. CD is a rewritable magnetic storage medium.

☒ 4. ASCII represents characters using numeric codes in binary.

Q.89 What is the keyboard shortcut to remove paragraph indentation in MS Word 365?

Ans ☐ 1. Ctrl + M

☐ 2. Ctrl + Tab

☒ 3. Ctrl + Shift + M

☐ 4. Ctrl + Shift + I

Q.90 An electric pump can fill a tank in 8 hours. Due to a leakage in the tank

How much time will this leak take to empty the full tank if water does

Ans ☒ 1. 56 hours

☐ 2. 52 hours

☐ 3. 39 hours

☐ 4. 50 hours

Q.91 If $\sin B = \frac{\sqrt{3}}{2}$, then find the value of $(\sqrt{3} \operatorname{cosec} B + \sec B - 4)$.

Ans ☐ 1. 2

☐ 2. 3

☐ 3. $\sqrt{3}$

☒ 4. 0

Q.92 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Q has an exam on Saturday. Only 4 people have exams between T and U, neither of whom has an exam on Monday. P has an exam immediately after V, and R has an exam immediately before V. U has an exam after P. How many people have exams after R?

- Ans**
- ☒ 1. 4
 - ☐ 2. 3
 - ☐ 3. 2
 - ☐ 4. 1

Q.93 The curved surface area of a cylinder is half of its total surface area. If its height is 10 cm, then find the volume of the cylinder (in cm^3).

- Ans**
- ☒ 1. 1000π
 - ☐ 2. 993π
 - ☐ 3. 992π
 - ☐ 4. 1005π

Q.94 Simplify the following:

$$\left(\frac{2}{9}\right) \times \left(\frac{27}{10}\right) + \left(\frac{6}{5} - 5\right)$$

- Ans**
- ☐ 1. $-\frac{9}{8}$
 - ☐ 2. $-\frac{7}{9}$
 - ☐ 3. $-\frac{17}{4}$
 - ☒ 4. $-\frac{16}{5}$

Q.95 What is the mascot of Expo 2025 in Osaka?

- Ans**
- ☐ 1. Sora-Sora
 - ☒ 2. Myaku-Myaku
 - ☐ 3. Mira-Mira
 - ☐ 4. Kiko-Kiko

Q.96 Harit starts from Point Y and drives 47 km towards the east. He then takes a right turn, drives 23 km, turns right and drives 26 km. He then takes a right turn and drives 52 km. He takes a left turn, drives 21 km. He then turns left, drives 11 km to stop at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)

- Ans**
- ☒ 1. 18 km towards the south
 - ☐ 2. 20 km towards the south
 - ☐ 3. 24 km towards the east
 - ☐ 4. 19 km towards the north

Q.97 What will come in the place of the question mark (?) in the following equation, if '+' is replaced by '-' and 'x' and '+' are interchanged?

$$55 \div 7 + 9 \times 3 + 1 = ?$$

- Ans**
- ☐ 1. 390
 - ☐ 2. 385
 - ☐ 3. 378
 - ☒ 4. 381

Q.98 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: LNR :: MOS : %

- Ans**
- ☐ 1. # = GIM , % = STX
 - ☐ 2. # = HIM , % = RTX
 - ☒ 3. # = GIM , % = RTX
 - ☐ 4. # = GIM , % = RTY

Q.99 Find the area of the sector when the radius of the circle is 16.2 units and the length of the arc is 5 units.

- Ans**
- ☐ 1. 42.5 units²
 - ☒ 2. 40.5 units²
 - ☐ 3. 44.5 units²
 - ☐ 4. 46.5 units²

Q.100 Which of the following is the war dance of the Nagas?

- Ans**
- ☐ 1. Alkap
 - ☐ 2. Danda-Jatra
 - ☐ 3. Thang Ta
 - ☒ 4. Rangma



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	iON Digital Zone iDZ Tupudana
Test Date	19/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 If $a + b = 50$, and $a - b = 21$, find the value of $(a + b)^2$.

Ans ☒ 1. 2500

☐ 2. 2456

☐ 3. 2504

☐ 4. 2466

Q.2 Which of the following is the most effective method for organizing files and folders in a computer's operating system?

Ans ☐ 1. Naming files and folders with random characters to avoid confusion

☐ 2. Renaming folders frequently to prevent them from becoming cluttered

☒ 3. Creating a logical folder structure that reflects the content, using clear, descriptive names

☐ 4. Storing all files and folders in one directory to save space

Q.3 A water tank can be filled in 19 minutes by using 39 pipes of the same capacity. In how many minutes (rounded off to two decimal places) will the water tank be filled if we use 23 pipes of the same capacity as above?

Ans ☒ 1. 32.22

☐ 2. 37.03

☐ 3. 27.49

☐ 4. 24.73

Q.4 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. B lives on an odd numbered floor but not 3. The sum of floors on which B and D live is 7. E lives immediately below F. C lives on the top floor. How many people live above E?

Ans ☐ 1. 2

☒ 2. 3

☐ 3. 1

☐ 4. 4

Q.5 Which keyboard shortcut is used to copy selected text in MS Word 365?

Ans ☐ 1. Ctrl + X

☒ 2. Ctrl + C

☐ 3. Ctrl + V

☐ 4. Ctrl + Z

Q.6 Which of the following statements about Printed Circuit Boards (PCBs) is INCORRECT?

- Ans**
- ☐ 1. PCBs hold and connect electronic components using conductive tracks.
 - ☒ 2. PCBs serve only desktop computers and not portable devices.
 - ☐ 3. PCBs provide a base to support and organize hardware parts.
 - ☐ 4. Complex devices may use multilayer PCBs to fit more circuitry.

Q.7 As of April 2025, what growth percentage of Gross Domestic Product (GDP) for 2025-26 is projected by the Reserve Bank of India?

- Ans**
- ☐ 1. 5%
 - ☐ 2. 6.3%
 - ☒ 3. 6.5%
 - ☐ 4. 4.5%

Q.8 Hiromi Kawakami's speculative fiction novel, shortlisted for the 2025 International Booker Prize, is titled:

- Ans**
- ☐ 1. The Nakano Thrift Shop
 - ☐ 2. Strange Weather in Tokyo
 - ☐ 3. The Ten Loves of Nishino
 - ☒ 4. Under the Eye of the Big Bird

Q.9 The Northern Plains of India have been primarily formed by which of the following processes?

- Ans**
- ☐ 1. Volcanic eruption
 - ☐ 2. Tectonic uplift
 - ☒ 3. Deposition of alluvium
 - ☐ 4. Glacial erosion

Q.10 If the selling price of a bed is 2-times of initial, then the profit is 8-times of initial. Find the initial profit percentage (in %).

- Ans**
- ☐ 1. 400
 - ☐ 2. 25
 - ☐ 3. 300
 - ☒ 4. 16.67

Q.11 From 10 to 12 April 2025, the 9th edition of the Global Technology Summit (GTS) was held in which city?

- Ans**
- ☐ 1. Jaipur
 - ☐ 2. Lucknow
 - ☒ 3. New Delhi
 - ☐ 4. Chandigarh

Q.12 A, B, C, D, E, F, and G are sitting around a circular table facing the centre. D sits to the immediate right of B. Only three people sit between D and E when counted from the left of D. Only three people sit between B and C. F sits to the immediate right of A. How many people sit between A and B when counted from the left of A?

- Ans**
- ☐ 1. One
 - ☐ 2. Three
 - ☐ 3. Two
 - ☒ 4. Four

Q.13 What should come in place of the question mark (?) in the given series?

277, 254, 221, ?, 125, 62

- Ans
- ☐ 1. 158
 - ☒ 2. 178
 - ☐ 3. 188
 - ☐ 4. 168

Q.14 As of February 2025, how many Khelo India Centres have been established across India for training athletes?

- Ans
- ☐ 1. 1205
 - ☐ 2. 2021
 - ☒ 3. 1041
 - ☐ 4. 1511

Q.15 Which of the following numbers is divisible by 44?

- Ans
- ☐ 1. 3550
 - ☒ 2. 3344
 - ☐ 3. 3379
 - ☐ 4. 2967

Q.16 In a certain code language, 'CURE' is coded as '3527' and 'EATS' is coded as '1246'. What is the code for 'E' in the given code language?

- Ans
- ☐ 1. 7
 - ☐ 2. 1
 - ☐ 3. 6
 - ☒ 4. 2

Q.17 The length of a rectangular field is $\left(\frac{2a + 2\sqrt{5}}{4}\right)$ m and breadth is $\left(\frac{a - \sqrt{5}}{2}\right)$

- Ans
- ☐ 1. $\left(\frac{a^2 + 5}{4}\right) \text{ m}^2$
 - ☒ 2. $\left(\frac{a^2 - 5}{4}\right) \text{ m}^2$
 - ☐ 3. $\left(\frac{a^2 - 5}{2}\right) \text{ m}^2$
 - ☐ 4. $\left(\frac{a^2 + 5}{2}\right) \text{ m}^2$

Q.18 Who was 'Young Raja' in the context of Khond Uprising in Odisha?

- Ans
- ☐ 1. Jetha Madhavji
 - ☒ 2. Chakra Bisoi
 - ☐ 3. Maganlal Bhukhan
 - ☐ 4. U Tirot Singh

- Q.19 The volume of a right circular cylinder is 4851 cm^3 and its curved surface area is 462 cm^2 . If this cylinder is generated by rotating a rectangle about its length by 360° , what will be the perimeter (in cm) of this rectangle?

$$\text{Use } \pi = \frac{22}{7}$$

- Ans ☒ 1. 47
☒ 2. 53
☒ 3. 49
☒ 4. 43
- Q.20 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. V has the exam on Wednesday. Only one person has the exam after T. P has the exam immediately after R, but not on Tuesday. S has the exam immediately before U.

How many people have exams between P and Q?

- Ans ☒ 1. One
☒ 2. Three
☒ 3. Two
☒ 4. Four
- Q.21 If at the same rate of interest, in 2 years, the simple interest is ₹40 and compound interest, compounded annually, is ₹41, then what is the principal (in ₹)?

- Ans ☒ 1. 395
☒ 2. 393
☒ 3. 400
☒ 4. 404

- Q.22 Find the simple interest (in ₹) on ₹2,000 at 5.75% per annum rate of interest for the period from 15 February 2023 to 29 April 2023.

- Ans ☒ 1. 22
☒ 2. 24
☒ 3. 21
☒ 4. 23

- Q.23 What was the cutoff date for migrants to be eligible under the Citizenship (Amendment) Act, 2019 (CAA)?

- Ans ☒ 1. December 31, 2014
☒ 2. January 26, 1950
☒ 3. March 31, 2020
☒ 4. August 15, 1947

- Q.24 The Ajanta caves have been mentioned in the accounts of which of the following travellers?

- Ans ☒ 1. Ibn-Battuta
☒ 2. Hiuen Tsang
☒ 3. Domingo Paes
☒ 4. Megasthenes

Q.25 Simplify: $\left[\left(26 \div \frac{4}{2} \right) \times \left\{ 8 \div 2 \times \frac{12 - 2}{5} \right\} \div \{ 4 \times 4 \div 3 \} \right]$

- Ans ☒ 1. 19.5
☐ 2. 13
☐ 3. 16.5
☐ 4. 30

Q.26 If $3 \cot A = 2$, then find the value of $\sqrt{\frac{3(\operatorname{cosec}^2 A - 1)}{(\sec^2 A - 1)}}$.

- Ans ☐ 1. $\frac{2\sqrt{3}}{9}$
☒ 2. $\frac{4\sqrt{3}}{9}$
☐ 3. $\frac{2\sqrt{3}}{3}$
☐ 4. $\frac{4\sqrt{3}}{3}$

Q.27 Which transport initiative aims to link India with Thailand and Myanmar under India's Act East Policy?

- Ans ☒ 1. IMT Trilateral Highway
☐ 2. Mekong-Ganga Corridor
☐ 3. Kaladan Project
☐ 4. East Coast Economic Corridor

Q.28 Consider the following statements regarding Operation Brahma, launched in March 2025.

The operation was launched by the Government of India to assist Myanmar and Thailand after a major earthquake.

Indian Navy ships Satpura and Savitri from the Eastern Naval Command sailed for Yangon with relief material.

The Indian Army deployed a 118-member medical task force from the Shatrughat Brigade as part of the relief efforts.

A 60-bed Medical Treatment Centre was set up by the Indian Army in Thailand for trauma and emergency care.

Which of the above statements are correct?

- Ans ☐ 1. Only 1 and 4
☐ 2. 1, 2, 3 and 4
☐ 3. Only 2 and 3
☒ 4. Only 1, 2 and 3

Q.29 The ratio of three numbers is 10 : 15 : 13. If 10 percent of the first number is 66, what would be 50 percent of the difference of the third and second number?

- Ans ☒ 1. 66
☐ 2. 64
☐ 3. 68
☐ 4. 65

Q.30 What is the range of the Hansa NG trainer aircraft launched in 2025?

- Ans ☐ 1. 400 nautical miles
☐ 2. 1,000 nautical miles
☐ 3. 800 nautical miles
☒ 4. 620 nautical miles

Q.31 Convectional rainfall is common in which part of India during the pre-monsoon period?

- Ans**
- ☐ 1. Kerala coast
 - ☐ 2. Western Ghats
 - ☐ 3. Eastern Himalayas
 - ☒ 4. Chhota Nagpur Plateau

Q.32 Z is the wife of S. M and C are daughters of S. T is the daughter of C. How is M related to T?

- Ans**
- ☐ 1. Bother's wife
 - ☐ 2. Mother
 - ☒ 3. Mother's sister
 - ☐ 4. Mother's mother

Q.33 Kalpana and Sudha got 656 and 697 marks, respectively, in the same examination. If Kalpana scored 32% marks, then what is the percentage of marks scored by Sudha?

- Ans**
- ☒ 1. 34%
 - ☐ 2. 35%
 - ☐ 3. 32%
 - ☐ 4. 37%

Q.34 Financial inclusion has been a major goal of post-1991 economic reforms in India. Which of the following flagship schemes was launched in 2014 to promote financial inclusion through universal access to banking facilities?

- Ans**
- ☐ 1. National Rural Livelihood Mission (NRLM)
 - ☐ 2. Pradhan Mantri MUDRA Yojana (PMMY)
 - ☐ 3. Atal Pension Yojana (APY)
 - ☒ 4. Pradhan Mantri Jan Dhan Yojana (PMJDY)

Q.35 In January 2025, India mourned the loss of Dr K.S. Manilal, a pioneering scientist in which of the following fields?

- Ans**
- ☒ 1. Botany
 - ☐ 2. Marine Biology
 - ☐ 3. Environmental Engineering
 - ☐ 4. Astronomy

Q.36 What is the maximum time limit for a co-operative society to conduct its annual general meeting after the close of the financial year?

- Ans**
- ☒ 1. 6 months
 - ☐ 2. 3 months
 - ☐ 3. 9 months
 - ☐ 4. 12 months

Q.37 What is the primary objective of the 'Sahkar' taxi service, launched by the Indian government in March 2025?

- Ans**
- ☐ 1. To establish a government-owned ride-hailing monopoly
 - ☒ 2. To replace all existing private taxi services in India
 - ☐ 3. To empower drivers through a cooperative, profit-sharing model
 - ☐ 4. To provide free taxi services to senior citizens

Q.38 How does the writ jurisdiction of the High Courts differ from that of the Supreme Court?

- Ans ☐ 1. High Courts can issue writs only against state governments, not the Centre.
☒ 2. High Courts can issue writs for purposes beyond Fundamental Rights, unlike the Supreme Court.
☐ 3. High Courts require prior approval from the Supreme Court before issuing writs.
☐ 4. High Courts can issue writs only in appellate cases, not in original jurisdiction.

Q.39 Chemical fertilisers were used intensively during the Green Revolution. What was the result of their overuse?

- Ans ☐ 1. Flooding
☐ 2. Higher pest resistance
☐ 3. Crop diversification
☒ 4. Soil salinity

Q.40 A man takes 13 hours to swim 91 km downstream. He swims 39 km upstream in the same time. What is the speed (in km/hr) of the boat in still water?

- Ans ☐ 1. 9
☒ 2. 5
☐ 3. 1
☐ 4. 8

Q.41 UQNV is related to SOLT in a certain way based on the English alphabetical order. In the same way, XTQY is related to VROW. To which of the given options is RNKS related, following the same logic?

- Ans ☐ 1. PLQI
☒ 2. PLIQ
☐ 3. LPQI
☐ 4. LPIQ

Q.42 Find the median from the following data.

Age in years	15-25	25-35	35-45	45-55	55-65	65-75	75-85
No. of patients	11	18	22	30	40	16	33

- Ans ☐ 1. 74 years
☐ 2. 45 years
☐ 3. 58 years
☒ 4. 56 years

Q.43 15 chairs and 3 tables cost ₹7,800 and 14 chairs and 6 tables cost ₹9,200. What is the cost of 17 chairs and 18 tables?

- Ans ☐ 1. ₹17,604
☒ 2. ₹17,600
☐ 3. ₹17,596
☐ 4. ₹17,598

Q.44 In a circle, two chords, AB and CD, measuring 14 cm and 6 cm, respectively, are parallel to each other on the same side of the centre. If the distance between them is 4 cm, find the length (in cm) of the diameter of the circle.

- Ans ☐ 1. $2\sqrt{29}$
☐ 2. $\sqrt{29}$
☐ 3. $\sqrt{58}$
☒ 4. $2\sqrt{58}$

Q.45 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ✓ 1. TMJF
 - ✗ 2. BURM
 - ✗ 3. HAXS
 - ✗ 4. QJGB

Q.46 What should come in place of the question mark (?) in the given series?

1514 1513 1517 1508 1524 ?

- Ans**
- ✗ 1. 1476
 - ✗ 2. 1474
 - ✓ 3. 1499
 - ✗ 4. 1478

Q.47 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ✓ 1. DY – LE
 - ✗ 2. JE – RL
 - ✗ 3. UP – CW
 - ✗ 4. BW – JD

Q.48 A man receives ₹7,915 per month as salary. He saves 20% of his salary every month. His expenditure per month is:

- Ans**
- ✓ 1. ₹6,332
 - ✗ 2. ₹6,346
 - ✗ 3. ₹6,420
 - ✗ 4. ₹6,270

Q.49 KX 3 is related to OV -9 in a certain way. In the same way, IR 11 is related to MP -1. To which of the given options is JG -2 related, following the same logic?

- Ans**
- ✗ 1. NF -15
 - ✗ 2. OE -14
 - ✗ 3. OF -13
 - ✓ 4. NE -14

Q.50 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All pulse are rice.

All rice are wheat.

All wheat are corn.

Conclusions:

(I) All pulse are corn.

(II) Some corn are rice.

- Ans**
- ☒ 1. Both conclusions (I) and (II) follow
 - ☐ 2. Only conclusion (II) follows
 - ☐ 3. Neither conclusion (I) nor (II) follows
 - ☐ 4. Only conclusion (I) follows

Q.51 Find the effective price percentage of the marked price after three consecutive discounts of 8%, 17% and 17%. (Rounded up to two decimal places.)

- Ans**
- ☐ 1. 64.53%
 - ☐ 2. 64.71%
 - ☒ 3. 63.38%
 - ☐ 4. 64.51%

Q.52 Which latitude passes through the Rann of Kutch?

- Ans**
- ☐ 1. 25°N
 - ☐ 2. 20°N
 - ☐ 3. 18°N
 - ☒ 4. 23.5°N

Q.53 The speed of a boat in still water is 17 km/hr and the speed of the stream is 16 km/hr. A man rows to a place at a distance of 26.4 km and comes back to the starting point. Find the total time (in hours) taken by him.

- Ans**
- ☐ 1. 25.4
 - ☐ 2. 23.4
 - ☐ 3. 17.8
 - ☒ 4. 27.2

Q.54 Let a be an odd positive integer. If the roots of a quadratic equation $x^2 - (a - 1)x + 4a + 7 = 0$ are integers, then the least value of a is:

- Ans**
- ☐ 1. 23
 - ☐ 2. 25
 - ☒ 3. 21
 - ☐ 4. 19

Q.55 Privatisation can be partial, involving minority shareholding by the private sector. What is the government's shareholding threshold in a PSU for it to be considered privatised?

- Ans**
- ☐ 1. More than 50%
 - ☐ 2. 75%
 - ☒ 3. Less than 51%
 - ☐ 4. 51%

- Q.56** Which two numbers should be interchanged to make the following equation correct?
(Note: The entire number should be interchanged and not individual digits of a given number.)

$$24 \times 3 + (32 \div 4) - 10 \times 8 + 26 = 196$$

- Ans**
- ☐ 1. 4 and 8
 - ☐ 2. 26 and 24
 - ☒ 3. 3 and 8
 - ☐ 4. 24 and 32

- Q.57** Who were the 'Rajukas' during the Mauryan period?

- Ans**
- ☐ 1. Craftsmen
 - ☐ 2. Army administrators
 - ☒ 3. Provincial officials
 - ☐ 4. Militias

- Q.58** Q, R, S, T, U, V and Y are sitting around a circular table facing the centre of the table. Y sits fourth to the left of S. R sits fourth to the right of T. Only two people sit between S and T when counted from the left of S. V is not an immediate neighbour of R or T. U is not an immediate neighbour of V. Who sits third to the right of Q?

- Ans**
- ☐ 1. U
 - ☐ 2. T
 - ☐ 3. Y
 - ☒ 4. R

- Q.59** An article's cost price is ₹300, and the marked price is mentioned as ₹1,032. What is the profit percentage of the seller if he sells it by allowing a discount of 50% on the marked price?

- Ans**
- ☐ 1. 69%
 - ☐ 2. 70%
 - ☒ 3. 72%
 - ☐ 4. 73%

- Q.60** Mr. Z starts from Point Y and drives 12 km towards the north. He then takes a left turn, drives 2 km, turns right and drives 1 km. He then takes a left turn and drives 14 km. He takes a final left turn, drives 13 km and stops at Point X. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)

- Ans**
- ☐ 1. 11 km towards the south
 - ☒ 2. 16 km towards the east
 - ☐ 3. 13 km towards the north
 - ☐ 4. 14 km towards the west

- Q.61** What is the median of the following data?

15, 70, 34, 37, 25, 36, 74, 36, 54, 78, 33

- Ans**
- ☐ 1. 37
 - ☐ 2. 35.5
 - ☐ 3. 36.5
 - ☒ 4. 36

Q.62 If $\triangle ABC \cong \triangle PQR$, such that $\angle ABC = 77^\circ$, $\angle BCA = (x - y)^\circ$, AC then find the value of $\angle QRP$.

- Ans ☒ 1. 20°
☐ 2. 28°
☐ 3. 32°
☐ 4. 23°

Q.63 Which of the following features is NOT typical of the Thar Desert?

- Ans ☐ 1. Inland drainage
☐ 2. Oases
☐ 3. Shifting dunes
☒ 4. Dense evergreen forests

Q.64 Which of the following is a unit of the dimension 'length'?

- Ans ☐ 1. Kilogram
☐ 2. Joule
☐ 3. Ampere
☒ 4. Metre

Q.65 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1845637, what will be the sum of the digits that are second from the left and second from the right?

- Ans ☐ 1. 12
☐ 2. 6
☒ 3. 10
☐ 4. 8

Q.66 In a certain code language, 'LOST' is coded as '6832' and 'SALT' is coded as '2136'. What is the code for 'A' in the given code language?

- Ans ☐ 1. 2
☐ 2. 3
☐ 3. 6
☒ 4. 1

Q.67 Which novel by Chimamanda Ngozi Adichie portrays the interconnected lives of four African women?

- Ans ☒ 1. Dream Count
☐ 2. Americanah
☐ 3. Half of a Yellow Sun
☐ 4. Purple Hibiscus

Q.68 This question is based on the five, three-digit numbers given below.

(Left) 307 485 194 237 937 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(Note: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is subtracted from the first digit of the lowest number?

- Ans**
- ☐ 1. -3
 - ☐ 2. -5
 - ☐ 3. -7
 - ☒ 4. -6

Q.69 In MS Word, when a user wants to move a block of text from one part of a document to another, which of the following sequences of actions should be performed?

- Ans**
- ☐ 1. Type the text → Save it → Retype it at the new location
 - ☐ 2. Copy the text → Paste the text at the desired location
 - ☒ 3. Cut the text → Paste the text at the desired location
 - ☐ 4. Highlight the text → Save it → Open it in another document

Q.70 What does PCB stand for in electronics?

- Ans**
- ☐ 1. Personal Control Board
 - ☐ 2. Power Circuit Board
 - ☐ 3. Portable Control Base
 - ☒ 4. Printed Circuit Board

Q.71 An award made by a Lok Adalat has the same status as a _____.

- Ans**
- ☐ 1. High Court judgement
 - ☐ 2. Magistrate's order
 - ☒ 3. Civil Court decree
 - ☐ 4. Supreme Court order

Q.72 Each of the digits in the number 7234169 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

- Ans**
- ☐ 1. 2
 - ☐ 2. 3
 - ☐ 3. 1
 - ☒ 4. 4

Q.73 The sides of a triangle are 109 cm, 171 cm, and 100 cm. What is the length (in cm) of its altitude corresponding to the side with a length of 171 cm?

- Ans**
- ☐ 1. 49
 - ☐ 2. 82
 - ☒ 3. 60
 - ☐ 4. 94

Q.74 Skill development became crucial in aligning the workforce with economic needs. Which flagship program was launched in 2015 to improve employability through skill training?

- Ans**
- ☐ 1. Kaushal Bharat
 - ☒ 2. Skill India Mission
 - ☐ 3. Digital Literacy Program
 - ☐ 4. Ujjwala Yojana

Q.75 If the third proportional of 40 and Z is 10, then what is the positive value of Z?

- Ans**
- ☐ 1. 21
 - ☒ 2. 20
 - ☐ 3. 17
 - ☐ 4. 19

Q.76 N, I, G, H, T and S live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only H lives below G. Only I lives above S. T lives immediately below S. Who lives on floor numbered 3?

- Ans**
- ☐ 1. S
 - ☒ 2. N
 - ☐ 3. H
 - ☐ 4. T

Q.77 This question is based on the five, three-digit numbers given below.

(Left) 514 414 422 875 167 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is subtracted from the second digit of the lowest number?

- Ans**
- ☒ 1. -1
 - ☐ 2. 2
 - ☐ 3. 0
 - ☐ 4. -2

Q.78 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/Symbols	4	@	7	#	3	&	8	*	2	^	9
Code	H	A	J	B	K	C	L	D	M	E	N

Conditions:

- i) If the first element is a number and the last a symbol, the codes for these two (the first and the last elements) are to be interchanged.
- ii) If the first element is an even number and the last an odd number, the first and last elements are to be coded as .
- iii) If both the second and third elements are perfect cubes, then the code of the second element will be the code of the third element.

What will be the code for the following group?

348@

- Ans**
- ☒ 1. KHLA
 - ☒ 2. KLHA
 - ☒ 3. ALHK
 - ☒ 4. AHLK

Q.79 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

SPM 8, TQN 14, URO 20, VSP 26, ?

- Ans**
- ☒ 1. WTQ 32
 - ☒ 2. XPM 30
 - ☒ 3. XRN 32
 - ☒ 4. WQM 30

Q.80 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
 (NOTE: All numbers are single digit numbers only.)

(Left) 4 \$ 4 2 2 7 4 1 8 € 6 9 3 £ 3 £ 9 @ % 9 # £ (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans**
- ☒ 1. 4
 - ☒ 2. 1
 - ☒ 3. 2
 - ☒ 4. 3

Q.81 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
 HKP22 ILQ31 JMR40 KNS49 ?

- Ans**
- ☒ 1. LOS59
 - ☒ 2. LOT58
 - ☒ 3. LOT59
 - ☒ 4. LOS58

Q.82 NKGO is related to LIEM in a certain way based on the English alphabetical order. In the same way, QNJR is related to OLHP. To which of the given options is TQMU related, following the same logic?

- Ans**
- ☐ 1. ORKS
 - ☐ 2. ORSK
 - ☒ 3. ROKS
 - ☐ 4. ROSK

Q.83 Mr. Becks starts from Point A and drives 9 km towards the East. He then takes a right turn, drives 16 km, turns right and drives 28 km. He then takes a right turn and drives 21 km. He takes a final right turn, drives 19 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified.)

- Ans**
- ☒ 1. 5 km to the South
 - ☐ 2. 3 km to the North
 - ☐ 3. 7 km to the South
 - ☐ 4. 1 km to the North

Q.84 What powers and responsibilities were granted to Panchayati Raj Institutions through the 73rd Constitutional Amendment Act of 1992?

- Ans**
- ☐ 1. Full autonomy from State
 - ☐ 2. Direct control over the armed forces in rural areas
 - ☐ 3. Power to override state legislations in matters of local importance
 - ☒ 4. Constitutional status and protection

Q.85 In Carnatic music, the concluding part of 'Pallavi' is usually known as:

- Ans**
- ☐ 1. Varnam
 - ☒ 2. Ragamalika
 - ☐ 3. Thanam
 - ☐ 4. Anu Pallavi

Q.86 If 14, 7, 12, and y are in proportion, then the value of y is:

- Ans**
- ☒ 1. 6
 - ☐ 2. 2
 - ☐ 3. 10
 - ☐ 4. 16

Q.87 At STP, the number of molecules present in 5.6 L of O₂ gas is:

- Ans**
- ☐ 1. 1.5055×10^{23}
 - ☐ 2. 6.022×10^{23}
 - ☐ 3. 2.24×10^{23}
 - ☒ 4. 3.011×10^{23}

Q.88 A group of people consists of men, women and children. Among them, 20% are men, 30% are women and the rest are children, and their average weights are 50 kg, 40 kg and 30 kg, respectively. The average weight of the group (in kg) is:

- Ans**
- ☐ 1. 36
 - ☐ 2. 34
 - ☐ 3. 35
 - ☒ 4. 37

Q.89 Which of the following events was part of the 15th National Voters' Day celebrations held in January 2025?

- Ans**
- ☒ 1. Announcement of new electoral boundaries
 - ☐ 2. Presentation of best electoral practices awards
 - ☐ 3. Launch of digital voting machines
 - ☐ 4. Introduction of online voter ID application

Q.90 Under whose administration was the practice of Sati officially abolished in British India?

- Ans**
- ☒ 1. Lord William Bentinck
 - ☐ 2. Lord Dalhousie
 - ☐ 3. Lord Cornwallis
 - ☐ 4. Lord Canning

Q.91 A and B complete a work in 18 days. If A alone can do it in 24 days, then B alone can do one-fourth of the same work in _____ days.

- Ans**
- ☐ 1. 36
 - ☐ 2. 72
 - ☐ 3. 54
 - ☒ 4. 18

Q.92 If 3 is added to each even digit and 2 is added to each odd digit in the number 413257, what will be the sum of the first and last digits in the new number thus formed?

- Ans**
- ☐ 1. 12
 - ☒ 2. 16
 - ☐ 3. 10
 - ☐ 4. 14

Q.93 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: OSR :: JNM : %

- Ans**
- ☒ 1. # = RVU, % = GKJ
 - ☐ 2. # = UQU, % = GOZ
 - ☐ 3. # = IUU, % = GBQ
 - ☐ 4. # = ROU, % = GKQ

Q.94 The average of first 17 multiples of 13 is:

- Ans**
- ☒ 1. 117
 - ☐ 2. 128
 - ☐ 3. 137
 - ☐ 4. 127

Q.95 Which group gained increased importance in the post-Gupta society due to land grants?

- Ans**
- ☐ 1. Kshatriyas
 - ☐ 2. Vaishyas
 - ☐ 3. Shudras
 - ☒ 4. Brahmins

Q.96 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(36, 27, 41)

(45, 36, 50)

Ans ☒ 1. (74, 65, 89)

☒ 2. (53, 44, 58)

☒ 3. (28, 19, 43)

☒ 4. (61, 52, 56)

Q.97 The Red Shirt Movement, also known as Khudai Khidmatgar, was led by which Indian freedom fighter in the North-West Frontier Province?

Ans ☒ 1. Madan Mohan Malviya

☒ 2. Maulana Abul Kalam Azad

☒ 3. Subhas Chandra Bose

☒ 4. Khan Abdul Ghaffar Khan

Q.98 According to World Bank's State of Social Protection Report 2025, as of 2022, how many people in low- and middle-income countries lacked adequate social protection coverage?

Ans ☒ 1. 05 billion

☒ 2. 03 billion

☒ 3. 04 billion

☒ 4. 02 billion

Q.99 In lipid biochemistry, why do unsaturated fatty acids tend to be liquid at room temperature?

Ans ☒ 1. The cis-double bonds introduce kinks, reducing van der Waals interactions.

☒ 2. They form ionic bonds that prevent solidification.

☒ 3. Their double bonds increase molecular symmetry leading to less crystal packing.

☒ 4. They have lower molecular weights than saturated fatty acids.

Q.100 Which of the following is the greatest number that divides 137 and 198 and leaves 7 and 3 as respective remainders?

Ans ☒ 1. 68

☒ 2. 67

☒ 3. 65

☒ 4. 71



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	iON Digital Zone iDZ Bopal
Test Date	20/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 Which city is set to host the Asia-Pacific Economic Cooperation (APEC) Summit in November 2025?

- Ans
- ☒ 1. Seoul
 - ☒ 2. Incheon
 - ☒ 3. Gyeongju
 - ☒ 4. Busan

Q.2 ASXZ is related to DVAC in a certain way based on the English alphabetical order. In the same way, MEJL is related to PHMO. To which of the following options is VNSU related, following the same logic?

- Ans
- ☒ 1. YVXQ
 - ☒ 2. YQVX
 - ☒ 3. YQXV
 - ☒ 4. YVQX

Q.3 During the 1886 session of the Indian National Congress in Calcutta, a major demand was raised for simultaneous Indian Civil Service examinations in England and India. Who presided over this session?

- Ans
- ☒ 1. Surendranath Banerjee
 - ☒ 2. Dadabhai Naoroji
 - ☒ 3. WC Bonnerjee
 - ☒ 4. Badruddin Tyabji

Q.4 According to the World Bank 2021 data, what was the poverty rate at \$2.15 a day (2017 PPP) for India?

- Ans
- ☒ 1. 12.92%
 - ☒ 2. 10.5%
 - ☒ 3. 8.9%
 - ☒ 4. 15%

Q.5 The speed of a boat in still water is 12 km/hr and the speed of the stream is 10 km/hr. A man rows to a place at a distance of 24.2 km and comes back to the starting point. Find the total time (in hours) taken by him.

- Ans
- ☒ 1. 7.8
 - ☒ 2. 13.2
 - ☒ 3. 5.8
 - ☒ 4. 4.1

Q.6 According to the second law of reflection, all the incident ray, the normal to the mirror at the point of incidence and the reflected ray:

- Ans**
- ✓ 1. lie in the same plane
 - ✗ 2. are parallel to each other
 - ✗ 3. are mutually perpendicular to each other
 - ✗ 4. lie in different planes

Q.7 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ✗ 1. SV - PS
 - ✗ 2. PS - MP
 - ✓ 3. MH - KJ
 - ✗ 4. IL - FI

Q.8 What should come in place of the question mark (?) in the given series?

912 910 920 918 928 ? 936

- Ans**
- ✗ 1. 928
 - ✓ 2. 926
 - ✗ 3. 930
 - ✗ 4. 924

Q.9 As per the Goods and Services Tax (Period of Levy and Collection of Cess) Rules, 2022, notified by the Finance Ministry, up to which date will the GST compensation cess be levied in India?

- Ans**
- ✓ 1. 31 March 2026
 - ✗ 2. 30 June 2025
 - ✗ 3. 31 December 2025
 - ✗ 4. 31 December 2026

Q.10 The fourth proportion to 3, 9 and 4 is the same as the third proportion to A and 12. What is the value of A?

- Ans**
- ✓ 1. 12
 - ✗ 2. 9
 - ✗ 3. 13
 - ✗ 4. 15

Q.11 This question is based on the five, three-digit numbers given below.

(Left) 497 581 452 460 775 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(Note: All operations to be done from left to right.)

What will be the resultant if second digit of the highest number is subtracted from the second digit of the lowest number?

- Ans**
- ✗ 1. 1
 - ✓ 2. -2
 - ✗ 3. -1
 - ✗ 4. -3

Q.12 The average age of 4 people is 52 years. Another group has 6 people with an average age of 58 years. When both groups are combined, what is the average age of all the people?

- Ans**
- ☐ 1. 54.9 years
 - ☐ 2. 54.6 years
 - ☒ 3. 55.6 years
 - ☐ 4. 54.2 years

Q.13 Seven friends, C, D, E, F, G, H and P, are sitting in a row facing north. Only three people sit between F and C. P sits to the immediate left of C. No one sits to the right of E. Only two people sit between E and P. H sits to the immediate right of D. How many people sit between G and H?

- Ans**
- ☒ 1. Two
 - ☐ 2. Three
 - ☐ 3. One
 - ☐ 4. Four

Q.14 In which of the following locations was the PHDCCI International Week scheduled to be held in March 2025, which is postponed now?

- Ans**
- ☐ 1. Mumbai
 - ☒ 2. Greater Noida
 - ☐ 3. Surat
 - ☐ 4. New Delhi

Q.15 Which of the following Articles of the Indian Constitution states about the formation of Union Public Service Commission of India?

- Ans**
- ☐ 1. Article 318
 - ☐ 2. Article 317
 - ☐ 3. Article 316
 - ☒ 4. Article 315

Q.16 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. T has an exam on Wednesday. Exactly 4 people have exams between S and R, neither of whom has an exam on Monday. Q has an exam immediately before and V has an exam immediately after P. U has an exam immediately before S. Who has an exam on Sunday?

- Ans**
- ☐ 1. S
 - ☒ 2. R
 - ☐ 3. P
 - ☐ 4. U

Q.17 L, M, N, O, P and W live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. Only three people live between M and N, where M lives below N. O lives on an odd-numbered floor and immediately above M. W lives on one of the floors below P and on one of the floors above L. How many people live between P and L?

- Ans**
- ☒ 1. Three
 - ☐ 2. One
 - ☐ 3. Four
 - ☐ 4. Two

Q.18 By how much is 60% of 40 greater than $\frac{1}{5}$ of 15?

- Ans
- ☒ 1. 21
 - ☐ 2. 19
 - ☐ 3. 15
 - ☐ 4. 18

Q.19 Who is known as the 'Mother of Indian Revolution' for her pioneering role in the early Indian independence movement and for unfurling the first version of the Indian national flag abroad?

- Ans
- ☐ 1. Vijaya Lakshmi Pandit
 - ☐ 2. Sarojini Naidu
 - ☒ 3. Madam Bhikaji Cama
 - ☐ 4. Annie Besant

Q.20 What is the median of the following data?

65, 67, 32, 16, 64, 27, 37, 16, 43, 85, 77

- Ans
- ☐ 1. 42.5
 - ☐ 2. 44
 - ☒ 3. 43
 - ☐ 4. 43.5

Q.21 In a certain code language,

A + B means 'A is the son of B',
A - B means 'A is the sister of B',
A x B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

Based on the above, how is E related to K if 'E ÷ F - G x H + K'?

- Ans
- ☐ 1. Son's wife's brother
 - ☒ 2. Son's wife's father
 - ☐ 3. Wife's brother
 - ☐ 4. Wife's father

Q.22 ZRVY is related to TLPS in a certain way based on the English alphabetical order. In the same way, WOSV is related to QIMP. To which of the given options is UMQT related, following the same logic?

- Ans
- ☐ 1. OGNK
 - ☒ 2. OGKN
 - ☐ 3. GOKN
 - ☐ 4. GONK

Q.23 A class of 30 students appeared in a test. The average score of 12 students is 70, and that of the rest is 62. What is the average score of the class?

- Ans
- ☐ 1. 63.2
 - ☐ 2. 66.2
 - ☒ 3. 65.2
 - ☐ 4. 64.2

Q.24 What will be the difference in population 3 years ago and 2 years ago of a town whose current population of 1,40,000 is increasing at a rate of 25% every year?

- Ans**
- ☐ 1. 18,270
 - ☒ 2. 17,920
 - ☐ 3. 17,370
 - ☐ 4. 17,170

Q.25 The ratio between the length and the breadth of a rectangular park is 3 : 8, and the perimeter of the park is 264 m. Find the area (in m²) of the park.

- Ans**
- ☐ 1. 3455
 - ☐ 2. 3451
 - ☐ 3. 3460
 - ☒ 4. 3456

Q.26 Keshav's salary is ₹13,000 per month. He spends ₹4,000 on house rent, ₹1,500 on bills and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent his complete monthly savings for the birthday celebration.

- Ans**
- ☐ 1. 90,000
 - ☐ 2. 67,500
 - ☐ 3. 75,000
 - ☒ 4. 82,500

Q.27 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

PK23 OJ34 NI45 MH56 ?

- Ans**
- ☐ 1. LH67
 - ☐ 2. LH68
 - ☒ 3. LG67
 - ☐ 4. LG68

Q.28 B starts from Point U and drives 5 km towards the South. He then takes a right turn, drives 2 km, turns right and drives 16 km. He then takes a right turn and drives 3 km, turns left and drives 1 km. He then takes a right turn, drives 2 km. He takes a final right turn, drives 12 km and stops at Point X. How far (shortest distance) and towards which direction should he drive in order to reach Point U again? (All turns are 90 degrees turns only unless specified).

- Ans**
- ☒ 1. 3 km towards the West
 - ☐ 2. 5 km towards the South
 - ☐ 3. 7 km towards the North
 - ☐ 4. 3 km towards the East

Q.29 Who among the following was appointed as the Director General of CRPF in January 2025?

- Ans**
- ☐ 1. Manish Singhal
 - ☐ 2. Bahadur Singh Sagoo
 - ☒ 3. Gyanendra Pratap Singh
 - ☐ 4. Sanjiv Ranjan

Q.30 In a certain code language, 'VEST' is coded as '3649' and 'SOAP' is coded as '1295'. What is the code for 'S' in the given code language?

- Ans**
- ☐ 1. 2
 - ☐ 2. 1
 - ☒ 3. 9
 - ☐ 4. 4

Q.31 The selling price of 30 books is equal to the cost price of 36 books. Find the loss or gain percentage.

- Ans**
- ☒ 1. 20% gain
 - ☐ 2. $\frac{50}{3}$ % gain
 - ☐ 3. $\frac{50}{3}$ % loss
 - ☐ 4. 20% loss

Q.32 What should come in place of the question mark (?) in the given series?

536, 513, 480, ?, 384, 321

- Ans**
- ☐ 1. 447
 - ☐ 2. 457
 - ☐ 3. 427
 - ☒ 4. 437

Q.33 $2418.4 \times 795.8 \times 0.3735$ is equal in value to:

- Ans**
- ☐ 1. $2.4184 \times 7.958 \times 373.5$
 - ☐ 2. $2.4184 \times 79.58 \times 37.35$
 - ☒ 3. $24.184 \times 7958 \times 3.735$
 - ☐ 4. $241.84 \times 795.8 \times 373.5$

Q.34 In a certain code language, 'LINK' is coded as '9236' and 'SINK' is coded as '6349'. What is the code for 'S' in the given code language?

- Ans**
- ☐ 1. 3
 - ☐ 2. 6
 - ☒ 3. 4
 - ☐ 4. 9

Q.35 Which of the following statements is/are correct with reference to the Supreme Court judgement delivered in April 2025 in a case involving the use of Urdu on a municipal signboard in Maharashtra?

The Supreme Court overturned the Bombay High Court's decision that forbade the use of Urdu on municipal signboards.

The Court held that language must reflect the religion of the majority in a particular region.

The bench recognised Urdu as part of India's Ganga-Jamuni tehzeeb and criticised prejudice against languages.

- Ans**
- ☒ 1. Only 3
 - ☐ 2. Only 1 and 2
 - ☐ 3. 1, 2 and 3
 - ☐ 4. Only 2 and 3

Q.36 On 7 March 2025, Govind Ballabh Pant's death anniversary, tributes were paid for his leadership in India's early post-independence years. Which state did he serve as its first Chief Minister?

- Ans**
- ☐ 1. Uttarakhand
 - ☒ 2. Uttar Pradesh
 - ☐ 3. Bihar
 - ☐ 4. Madhya Pradesh

Q.37 In the 2024 Jharkhand Assembly elections, how many seats did the Jharkhand Mukti Morcha (JMM) secure out of the total constituencies?

- Ans**
- ☒ 1. 34 out of 81
 - ☐ 2. 30 out of 81
 - ☐ 3. 38 out of 90
 - ☐ 4. 36 out of 90

Q.38 The famous dance form 'Kuchipudi' derives its name from the village Kuchelapuram, which is located in _____.

- Ans**
- ☐ 1. Karnataka
 - ☒ 2. Andhra Pradesh
 - ☐ 3. Tamil Nadu
 - ☐ 4. Kerala

Q.39 What was the key purpose of amending the Legal Services Authorities Act in 2002?

- Ans**
- ☐ 1. To replace all regular courts with Lok Adalats
 - ☐ 2. To merge Lok Adalats with High Courts
 - ☒ 3. To establish permanent Lok Adalats for public utility service disputes
 - ☐ 4. To allow Lok Adalats to handle criminal cases

Q.40 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

LOH 1, JMG 4, HKF 9, FIE 16, ?

- Ans**
- ☐ 1. DGD 36
 - ☒ 2. DGD 25
 - ☐ 3. EFG 25
 - ☐ 4. EFD 36

Q.41 If $a + b = 46$ and $(a - b)^2 = 612$, find the value of product of a and b .

- Ans**
- ☐ 1. 428
 - ☐ 2. 460
 - ☒ 3. 376
 - ☐ 4. 405

Q.42 Which of the following scenarios would most likely result in a 'page fault' error during typical computer operation?

- Ans**
- ☐ 1. Writing data to a read-only memory location
 - ☐ 2. Executing an instruction directly from the BIOS
 - ☒ 3. Attempting to access a memory address that has been swapped out to the hard drive
 - ☐ 4. Accessing data stored in the CPU cache

Q.43 Which of the following actions is essential for preserving changes made to an Excel workbook under a new file name?

- Ans**
- ☐ 1. Pressing Ctrl + P
 - ☐ 2. Clicking 'Print' from the File tab
 - ☒ 3. Selecting 'Save As' and choosing a new name or location
 - ☐ 4. Closing the application without saving

Q.44 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7532168, what will be the difference of the digits which are third from the left and second from the right in the new number thus formed?

- Ans**
- ☐ 1. 4
 - ☐ 2. 3
 - ☐ 3. 1
 - ☒ 4. 0

Q.45 Ashoka appointed special officers to spread Dhamma, known as:

- Ans**
- ☒ 1. Dhamma Mahamatras
 - ☐ 2. Purohits
 - ☐ 3. Mahamatras
 - ☐ 4. Rajukas

Q.46 The sum of the area of two squares whose sides are p cm and q cm, res Find the product of p and q.



- Ans**
- ☐ 1. 135 cm^2
 - ☐ 2. 108 cm^2
 - ☒ 3. 154 cm^2
 - ☐ 4. 147 cm^2

Q.47 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 6185742, then what will the sum of the highest and lowest digits in the new number thus formed be?

- Ans**
- ☐ 1. 7
 - ☒ 2. 8
 - ☐ 3. 9
 - ☐ 4. 6

Q.48 The area of a rectangle increases by 7 m^2 if its length is increased by 6 m and breadth is decreased by 5 m. If the length is decreased by 6 m and breadth is increased by 7 m, then its area increases by 31 m^2 . What is the perimeter of the original rectangle (in m)?

- Ans**
- ☐ 1. 217
 - ☒ 2. 214
 - ☐ 3. 215
 - ☐ 4. 216

Q.49 Which of the following was the famous ruler of the Satavahana dynasty?

- Ans**
- ☐ 1. Vasumitra Satakarni
 - ☒ 2. Gautamiputra Satakarni
 - ☐ 3. Bhagabhadra
 - ☐ 4. Kanishka

Q.50 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: UEQ :: VFR : %

- Ans**
- ☐ 1. # = LUG, % = FPB
 - ☐ 2. # = KUG, % = FPU
 - ☐ 3. # = KTG, % = FPB
 - ☒ 4. # = KUG, % = FPB

Q.51 Mr. Plex starts from Point A and drives 22 km towards the East. He then takes a left turn, drives 31 km, turns left and drives 26 km. He then takes a left turn and drives 41 km. He takes a final left turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified.)

- Ans**
- ☐ 1. 18 km to the West
 - ☐ 2. 21 km to the West
 - ☒ 3. 10 km to the North
 - ☐ 4. 13 km to the South

Q.52 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 5637482, how many digits will appear more than once in the new number thus formed?

- Ans**
- ☐ 1. 5
 - ☐ 2. 4
 - ☒ 3. 2
 - ☐ 4. 3

Q.53 What was the rate of increase in capital expenditure by the central government on major infrastructure sectors from 2019-20 to 2023-24?

- Ans**
- ☒ 1. 39%
 - ☐ 2. 25%
 - ☐ 3. 35%
 - ☐ 4. 30%

Q.54 If 66% of a number is equal to $\frac{5}{7}$ of another number, then what is the



- Ans**
- ☐ 1. 252 : 233
 - ☒ 2. 250 : 231
 - ☐ 3. 246 : 229
 - ☐ 4. 249 : 235

Q.55 What was the theme for the Republic Day 2025 celebrations in India?

- Ans**
- ☐ 1. Unity in Diversity
 - ☐ 2. India@75: A Nation Marching Forward
 - ☐ 3. Celebrating the Constitution
 - ☒ 4. Swarnim Bharat: Virasat Aur Vikas

Q.56 Find the simple interest (in closest integral ₹) on ₹3,000 at 8% per annum rate of interest for the period from 14 February 2024 to 15 April 2024.

- Ans**
- ☒ 1. 40
 - ☐ 2. 38
 - ☐ 3. 39
 - ☐ 4. 41

Q.57 The Gini Coefficient is used to measure which of the following?

- Ans**
- ☐ 1. Unemployment rate
 - ☐ 2. Absolute poverty
 - ☒ 3. Income inequality
 - ☐ 4. Consumption expenditure

Q.58 SUZD is related to ACHL in a certain way based on the English alphabetical order. In the same way, YAFJ is related to GINR. To which of the following options is WYDH related, following the same logic?

- Ans**
- ☐ 1. GPDL
 - ☐ 2. GPLE
 - ☐ 3. EGPL
 - ☒ 4. EGLP

Q.59 The crescent-shaped sand dunes found in the Thar Desert are called:

- Ans**
- ☒ 1. Barchans
 - ☐ 2. Inselbergs
 - ☐ 3. Yardangs
 - ☐ 4. Ergs

Q.60 Which of the following statements is FALSE?

- A) When a transversal cuts two lines such that the pair of corresponding angles are equal, then the lines have to be parallel.
- B) When a transversal cuts two lines such that the pair of alternate interior angles are equal, then the lines have to be parallel.
- C) When a transversal cuts two lines such that the pair of interior angles on the same sides of the transversal are complementary, then the lines have to be parallel.
- D) When a transversal cuts two lines such that the pair of interior angles on the same sides of the transversal are supplementary, then the lines have to be parallel.

- Ans**
- ☒ 1. Only C
 - ☐ 2. Only A
 - ☐ 3. Only B
 - ☐ 4. Only D

Q.61 An article is sold for ₹x. If it is sold at 25% of this price, there is a loss of 50%. What is the percentage profit when it is sold for ₹x?

- Ans**
- ☐ 1. 97%
 - ☒ 2. 100%
 - ☐ 3. 98%
 - ☐ 4. 101%

Q.62 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(29, 41, 53)
(37, 49, 61)

- Ans**
- ☐ 1. (67, 79, 101)
 - ☒ 2. (53, 65, 77)
 - ☐ 3. (40, 52, 74)
 - ☐ 4. (36, 48, 50)

Q.63 Which of the following urban agglomerations has the highest population in India as per Census 2011?

- Ans** ☒ 1. Mumbai
☐ 2. Kolkata
☐ 3. Delhi
☐ 4. Bengaluru

Q.64 A pipe can fill a tank in 12 hours. Another pipe can empty the filled tank in 14 hours. If both the pipes are opened simultaneously, then the time (in hours) in which the tank will be filled is:

- Ans** ☒ 1. 84
☐ 2. 85
☐ 3. 86
☐ 4. 87

Q.65 Consider a scenario where a user interacts with a touch-sensitive display. Which of the following best describes the functional duality of this component within a computer system?

- Ans** ☐ 1. It functions exclusively as an input device, capturing the user's touch gestures and commands.
☐ 2. It acts solely as an output device, displaying visual feedback to the user's actions.
☒ 3. It serves as both an input device, detecting touch input, and an output device, displaying information and visual responses.
☐ 4. Its primary role is data storage, retaining user interactions for later processing.

Q.66 Which of the following methods is the simplest way to rename a file or folder in Windows?

- Ans** ☒ 1. Right-click the file/folder → Select Rename
☐ 2. Press Ctrl + R
☐ 3. Drag the file to the Recycle Bin
☐ 4. Double-click the file to open it

Q.67 Find the value of $\frac{3}{\sin^2 A \sec A} \times 3\sqrt{\tan^2 A - \sin^2 A}$.

- Ans** ☒ 1. 9
☐ 2. 3
☐ 3. $9 \tan A$
☐ 4. $3 \sin A$

Q.68 On 15 April 2025, in which city of India STREE Summit 2025 on Women's Safety and Empowerment was held?

- Ans** ☒ 1. Hyderabad
☐ 2. Patna
☐ 3. New Delhi
☐ 4. Ahmedabad

Q.69 Which of the following sessions of the INC passed a resolution opposing the Arms Act and the Vernacular Press Act?

- Ans** ☐ 1. 1895 Poona
☐ 2. 1888 Allahabad
☐ 3. 1887 Madras
☒ 4. 1885 Bombay

Q.70 In the Indian parliamentary system, who has the authority to dissolve the Lok Sabha before its term expires?

- Ans**
- ☐ 1. The Chief Justice of India orders dissolution.
 - ☐ 2. The Speaker of Lok Sabha takes the decision.
 - ☐ 3. The Council of Ministers passes a resolution.
 - ☒ 4. The Prime Minister advises the President to dissolve it.

Q.71 The folk song of Kerala, which is sung to send away the evil ghosts and spirits, is called:

- Ans**
- ☐ 1. Bhakha
 - ☐ 2. Wanawan
 - ☒ 3. Bhuta
 - ☐ 4. Baul

Q.72 Which major port is NOT located on the western coast of India?

- Ans**
- ☐ 1. Cochin
 - ☐ 2. Mangalore
 - ☐ 3. Kandla
 - ☒ 4. Visakhapatnam

Q.73 Mahesh withdrew ₹3,200 from a bank. He received a total of 33 notes of ₹50 and ₹100 denominations. The number of ₹50 notes received by him was:

- Ans**
- ☐ 1. 12
 - ☐ 2. 10
 - ☐ 3. 9
 - ☒ 4. 2

Q.74 Refer to the number and symbol series given below and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) @ 2 % * 4 2 & £ % 1 £ & 9 7 & 9 7 \$ 9 1 \$ 2 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans**
- ☐ 1. 5
 - ☐ 2. 4
 - ☐ 3. 2
 - ☒ 4. 3

Q.75 A total profit of ₹25,300 is to be distributed amongst P, Q, and R such that P : Q = 9 : 7 and Q : R = 3 : 12. The share (in ₹) of R in the profit is:

- Ans**
- ☒ 1. 16,100
 - ☐ 2. 16,150
 - ☐ 3. 16,050
 - ☐ 4. 16,000

Q.76 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans
- ☐ 1. JLG
 - ☐ 2. FHC
 - ☒ 3. LNJ
 - ☐ 4. HJE

Q.77 The mean of a data is 43 and its median is 78. The mode (using empirical relation) of the data is:

- Ans
- ☐ 1. 213
 - ☐ 2. 102
 - ☒ 3. 148
 - ☐ 4. 80

Q.78 Why is decentralised planning considered advantageous in the Panchayati Raj system in India?

- Ans
- ☐ 1. It limits community participation in development planning.
 - ☐ 2. It slows down the decision-making process, hindering development.
 - ☒ 3. It allows local communities to tailor need-based development initiatives.
 - ☐ 4. It centralises power in the hands of a few state officials.

Q.79 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All chain are bracelet.

All bracelet are ring.

Some ring are tops.

Conclusions:

(I) All chain are ring.

(II) Some tops are chain.

- Ans
- ☒ 1. Only conclusion (I) follows
 - ☐ 2. Only conclusion (II) follows
 - ☐ 3. Neither conclusion (I) nor (II) follows
 - ☐ 4. Both conclusions (I) and (II) follow

Q.80 In finding the HCF of two numbers by division method, the quotients are 1, 4, and 6, respectively, and the last divisor is 29. What is the LCM of the two numbers?

- Ans
- ☐ 1. 22480
 - ☒ 2. 22475
 - ☐ 3. 22476
 - ☐ 4. 22470

Q.81 Which of the following countries is completely landlocked and shares an open border with India?

- Ans
- ☐ 1. Bangladesh
 - ☐ 2. Afghanistan
 - ☒ 3. Nepal
 - ☐ 4. Myanmar

Q.82 Simplify: $\left[\left(26 \div \frac{2}{2} \right) \times \left\{ 6 \div 2 \times \frac{12 - 2}{2} \right\} \div \{ 5 \times 6 \div 3 \} \right]$

- Ans ☒ 1. 39
☐ 2. 78
☐ 3. 52
☐ 4. 65

Q.83 What is the primary environmental impact of the release of freon from refrigeration plants on the atmosphere?

- Ans ☐ 1. Increased oxygen level
☐ 2. Increased nitrogen
☐ 3. Reduced greenhouse gas emissions
☒ 4. Stratospheric ozone depletion

Q.84 For the quadratic equation $7x^2 - 28x + 21 = 0$, what is the sum of the :



- Ans ☐ 1. 5
☐ 2. 3
☒ 3. 4
☐ 4. 2

Q.85 According to the Charter Act of 1853, how many legislative members were there in the Council of the Governor General?

- Ans ☒ 1. 4
☐ 2. 2
☐ 3. 14
☐ 4. 12

Q.86 A, B, L, M, S, T and Z are sitting around a circular table facing the centre. Z sits fourth to the right of B. Only two people sit between L and T when counted from the left of L. M sits third to the left of S. N is an immediate neighbour of S and T. How many people are there between Z and N when counted from the left of N?

- Ans ☐ 1. 1
☐ 2. 2
☐ 3. 3
☒ 4. 4

Q.87 This question is based on the five, three-digit numbers given below.
(Left) 190 735 494 761 781 (Right)

(Example- 697 - First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is subtracted from the second digit of the lowest number?

- Ans ☒ 1. 1
☐ 2. 2
☐ 3. -1
☐ 4. -2

Q.88 If 1 is added to each even digit and 1 is subtracted from each odd digit in the number 248937615, what will be the sum of all the odd digits in the new number thus formed?

- Ans**
- ☐ 1. 22
 - ☒ 2. 24
 - ☐ 3. 20
 - ☐ 4. 26

Q.89 What is the primary purpose of the semi-cryogenic engine of ISRO in 2025?

- Ans**
- ☐ 1. To power the upper stage of the Launch Vehicle Mark-3 (LVM3)
 - ☐ 2. To power the main stage of the Polar Satellite Launch Vehicle (PSLV)
 - ☒ 3. To power the semi-cryogenic booster stage of the Launch Vehicle Mark-3 (LVM3)
 - ☐ 4. To power the Geosynchronous Satellite Launch Vehicle (GSLV)

Q.90 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. P has an exam on Wednesday. Exactly 3 people have an exam between P and S. V has an exam immediately after T, and Q has an exam immediately before T. Only 3 people have an exam between U and T. How many people have an exam after Q?

- Ans**
- ☐ 1. 1
 - ☐ 2. 2
 - ☐ 3. 4
 - ☒ 4. 3

Q.91 As of March 2025, the National TB Elimination Programme (NTEP), under the aegis of National Health Mission (NHM), is implemented for how many days in India?

- Ans**
- ☐ 1. 120
 - ☒ 2. 100
 - ☐ 3. 150
 - ☐ 4. 90

Q.92 A man takes 6 hours to swim 66 km downstream. He swims 42 km upstream in the same time. What is the speed (in km/hr) of the boat in still water?

- Ans**
- ☐ 1. 13
 - ☒ 2. 9
 - ☐ 3. 17
 - ☐ 4. 16

Q.93 A dealer purchased a water cooler for ₹56,000. He allows a discount of 81% on its marked price and still gains 71%. Find the marked price of the water cooler.

- Ans**
- ☐ 1. ₹5,03,908
 - ☐ 2. ₹5,04,030
 - ☒ 3. ₹5,04,000
 - ☐ 4. ₹5,03,937

Q.94 In a certain code language, 'MAZE' is coded as '3647' and 'ZIPS' is coded as '1275'. What is the code for 'Z' in the given code language?

- Ans**
- ☐ 1. 1
 - ☒ 2. 7
 - ☐ 3. 2
 - ☐ 4. 4

Q.95 What happens when you apply a template to an existing MS PowerPoint presentation?

- Ans**
- ☐ 1. It only changes the background, without affecting text formatting.
 - ☐ 2. It completely replaces all slides and content.
 - ☐ 3. It converts the PowerPoint presentation into a read-only format.
 - ☒ 4. It applies a new design while keeping the existing slide content.

Q.96 The sum of the lengths of the edges of a cube is equal to the sum of the lengths of the edges of a cuboid whose length, breadth and height are in the ratio 4 : 3 : 1. Find the volume (in cm^3) of the cuboid if the volume of the cube is 512 cm^3 .

- Ans**
- ☐ 1. 315
 - ☒ 2. 324
 - ☐ 3. 299
 - ☐ 4. 340

Q.97 Which of the following tennis player captured the 2024 US Open Men's Singles title, marking his second Grand Slam win?

- Ans**
- ☐ 1. Daniil Medvedev
 - ☐ 2. Novak Djokovic
 - ☐ 3. Carlos Alcaraz
 - ☒ 4. Jannik Sinner

Q.98 An electric pump can fill a tank in 6 hours. Due to a leakage in the tank, it takes 8 hours to fill the full tank if water does not get in or out of the tank through any other means.

- Ans**
- ☒ 1. 33 hours
 - ☐ 2. 22 hours
 - ☐ 3. 16 hours
 - ☐ 4. 28 hours

Q.99 In a dicot root, which tissue(s) is/are found between the xylem and phloem?

- Ans**
- ☐ 1. Subsidiary cells
 - ☐ 2. Guard cells
 - ☒ 3. Conjunctive tissue
 - ☐ 4. Trichomes

Q.100 Which soil is deficient in nitrogen and phosphorus but rich in iron and aluminium?

- Ans**
- ☐ 1. Alluvial soil
 - ☐ 2. Desert soil
 - ☐ 3. Black soil
 - ☒ 4. Laterite soil



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	iCube Digital
Test Date	20/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 Which of the following mountain passes is located in the Pir Panjal range?

- Ans
- ☒ 1. Nathu La
 - ☒ 2. Shipki La
 - ☒ 3. Banihal Pass
 - ☒ 4. Zoji La

Q.2 The present cost of a house is ₹1,23,016. After a year, its cost will increase to ₹1,40,203. The percentage increase (rounded off to the nearest integer) in the cost of the house is:

- Ans
- ☒ 1. 17%
 - ☒ 2. 14%
 - ☒ 3. 10%
 - ☒ 4. 8%

Q.3 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: UEQ :: QAM : %

- Ans
- ☒ 1. # = CMY, % = ISE
 - ☒ 2. # = CMY, % = ISO
 - ☒ 3. # = CMY, % = IUE
 - ☒ 4. # = FMY, % = ISE

Q.4 What was a unique feature of Harappan town planning?

- Ans
- ☒ 1. Circular forts
 - ☒ 2. Underground temples
 - ☒ 3. Grid pattern streets
 - ☒ 4. Irregular housing layout

Q.5 In $\triangle ABC$, $DE \parallel AC$, where D and E are the points on sides AB and BC respectively. If $BD = 12$ cm and $AD = 11$ cm, then what is the ratio of the area of $\triangle BDE$ to the area of $\triangle ABC$?

- Ans
- ☒ 1. 390 : 413
 - ☒ 2. 385 : 144
 - ☒ 3. 144 : 385
 - ☒ 4. 623 : 199

Q.6 What should come in place of the question mark (?) in the given series?

1012 1010 1000 998 988 ? 976

- Ans**
- ☒ 1. 987
 - ☒ 2. 986
 - ☐ 3. 988
 - ☐ 4. 985

Q.7 Which of the following statements about the Supreme Court's writ jurisdiction is correct?

- Ans**
- ☒ 1. It can only be invoked for enforcement of Fundamental Rights.
 - ☐ 2. It allows the Court to issue writs only against the Central Government.
 - ☐ 3. It is exclusive and cannot be exercised by the High Courts.
 - ☐ 4. It extends to both Fundamental Rights and other legal rights.

Q.8 If $\sqrt{3} \tan A = 3 \sin A$, find the value of $(2\sqrt{3} \operatorname{cosec} A \times \tan A)$.

- Ans**
- ☒ 1. 6
 - ☐ 2. $2\sqrt{3}$
 - ☐ 3. 2
 - ☐ 4. $\sqrt{3}$

Q.9 A woman travelled at a speed of 20 m/min for 80 min, and at a speed of 65 m/min for 64 min. Her average speed (in m/min) is:

- Ans**
- ☒ 1. 40
 - ☐ 2. 33
 - ☐ 3. 44
 - ☐ 4. 46

Q.10 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.
ENU FLS GJQ ? IFM

- Ans**
- ☐ 1. HIO
 - ☒ 2. HHO
 - ☐ 3. HIP
 - ☐ 4. HOP

Q.11 Which body took suo motu cognisance of the news titled 'Experts are alarmed as 350 turtles was ashore dead till January 15', published on 16 January 2025?

- Ans**
- ☒ 1. National Green Tribunal
 - ☐ 2. High Court of Odisha
 - ☐ 3. Supreme Court of India
 - ☐ 4. High Court of Tamil Nadu

Q.12 Which of the following was formed in 1600 through a charter that granted it the exclusive privilege of trading with the area east of the Cape of Good Hope for 15 years?

- Ans**
- ☒ 1. English East India Company
 - ☐ 2. Austrian East India Company
 - ☐ 3. Danish East India Company
 - ☐ 4. Spanish East India Company

Q.13 If $a : b :: b : c$; $c = 4a$ and $b = 18$, find the positive value of c .

- Ans**
- ☒ 1. 36
 - ☐ 2. 31
 - ☐ 3. 38
 - ☐ 4. 34

Q.14 Which of the following operating systems is most suitable for ethical hacking and cybersecurity tasks on laptops and desktops due to its pre-installed penetration testing tools?

- Ans**
- ☐ 1. macOS Ventura
 - ☒ 2. Kali Linux
 - ☐ 3. Ubuntu LTS
 - ☐ 4. Windows 10

Q.15 What should come in place of the question mark (?) in the given series?

8 13 20 29 40 ?

- Ans**
- ☐ 1. 65
 - ☐ 2. 57
 - ☒ 3. 53
 - ☐ 4. 61

Q.16 Which of the given letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: DZT :: QMG : %

- Ans**
- ☐ 1. # = ZTY, % = VMH
 - ☐ 2. # = OYV, % = PYT
 - ☐ 3. # = YPG, % = KUL
 - ☒ 4. # = YUO, % = VRL

Q.17 Evaluate: 81×112

- Ans**
- ☒ 1. 9072
 - ☐ 2. 9082
 - ☐ 3. 9062
 - ☐ 4. 9172

Q.18 Who won the best actress award (critics) at the South Indian International Movie Awards (SIIMA) 2024?

- Ans**
- ☐ 1. Alia Bhatt
 - ☒ 2. Aishwarya Rai Bachhan
 - ☐ 3. Shraddha Kapoor
 - ☐ 4. Deepika Padukone

Q.19 A man sold an article at a gain of 57%. If he had sold it for ₹238 more, he would have gained 82%. The cost price (in ₹) of the article is:

- Ans**
- ☐ 1. 955
 - ☐ 2. 949
 - ☒ 3. 952
 - ☐ 4. 950

Q.20 Which of the following input devices primarily translates physical, real-world movements into digital signals that can be interpreted by a computer system for tasks such as navigation and object manipulation in a graphical environment?

- Ans**
- ☐ 1. Microphone
 - ☐ 2. Keyboard
 - ☒ 3. Mouse
 - ☐ 4. Scanner

Q.21 Which of the following statements is NOT correct with reference to the modern periodic table?

- Ans**
- ☒ 1. The first period contains 8 elements.
 - ☐ 2. Groups are the vertical columns, and periods are horizontal rows.
 - ☐ 3. The second and third periods each contain 8 elements.
 - ☐ 4. Lanthanoids and actinoids are placed in separate panels at the bottom.

Q.22 Where did ISRO conduct the hot test of the semi-cryogenic engine in 2025?

- Ans**
- ☒ 1. ISRO Propulsion Complex, Mahendragiri, Tamil Nadu
 - ☐ 2. Liquid Propulsion Systems Centre, Mahendragiri, Tamil Nadu
 - ☐ 3. Satish Dhawan Space Centre, Sriharikota, Andhra Pradesh
 - ☐ 4. Vikram Sarabhai Space Centre, Thiruvananthapuram, Kerala

Q.23 The mean of a data is 42 and its median is 53. The mode (using empirical relation) of the data is:

- Ans**
- ☐ 1. 100
 - ☐ 2. 24
 - ☐ 3. 169
 - ☒ 4. 75

Q.24 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

MWC : JYA
KUR : HWP

- Ans**
- ☒ 1. JVP : GXN
 - ☐ 2. WTH : PUR
 - ☐ 3. SLV : QPS
 - ☐ 4. PAY : MGT

Q.25 What is the total approximate latitudinal extent of India?

- Ans**
- ☐ 1. 35°
 - ☐ 2. 40°
 - ☒ 3. 30°
 - ☐ 4. 25°

Q.26 In finding the HCF of two numbers by division method, the quotients are 4, 5, and 9, respectively, and the last divisor is 18. What is the LCM of the two numbers?

- Ans**
- ☐ 1. 159807
 - ☐ 2. 159803
 - ☒ 3. 159804
 - ☐ 4. 159806

Q.27 Seven friends, I, J, K, L, M, N and R, are sitting in a row facing north. No one sits to the right of M. Only three people sit between M and R. Only two people sit between R and L. K sits third to the left of I. J sits to the immediate right of I. How many people sit between N and L?

- Ans
- ☐ 1. Four
 - ☐ 2. One
 - ☒ 3. Three
 - ☐ 4. Two

Q.28 Which of the following is NOT a part of Carnatic style composition?

- Ans
- ☒ 1. Chaturang
 - ☐ 2. Varnam
 - ☐ 3. Pallavi
 - ☐ 4. Ragmalika

Q.29 The selling price of 20 books is equal to the cost price of 6 books. Find the loss or gain percentage.

- Ans
- ☐ 1. $\frac{50}{7}\%$ loss
 - ☐ 2. 70% gain
 - ☐ 3. $\frac{50}{7}\%$ gain
 - ☒ 4. 70% loss

Q.30 Vinod ranked 36th from the top and 18th from the bottom in his class. How many students are there in his class?

- Ans
- ☐ 1. 54
 - ☐ 2. 51
 - ☐ 3. 52
 - ☒ 4. 53

Q.31 In which year was the provision for the free legal aid to the poor added to the Directive Principles of the State Policy of the Constitution of India?

- Ans
- ☐ 1. 1978
 - ☐ 2. 2002
 - ☒ 3. 1976
 - ☐ 4. 2011

Q.32 The McMahon Line separates India from which country?

- Ans
- ☐ 1. Bhutan
 - ☐ 2. Pakistan
 - ☒ 3. China
 - ☐ 4. Nepal

Q.33 What makes DNA the most abundant genetic material?

- Ans
- ☐ 1. Its interaction with proteins
 - ☐ 2. Its high mutation rate
 - ☐ 3. Its enzymatic roles
 - ☒ 4. Its stable double-helical structure

Q.34 Which of the following tribal uprisings did NOT take place in the 20th century?

- Ans**
- ☐ 1. Kuki Uprising
 - ☐ 2. Bastar Rebellion
 - ☒ 3. Lushai Uprising
 - ☐ 4. Naga Revolt

Q.35 According to the Global Risks Perception Survey (GRPS) 2025, what percentage of respondents believe the turbulence outlook over the next 2 years?

- Ans**
- ☐ 1. 41%
 - ☐ 2. 55%
 - ☒ 3. 52%
 - ☐ 4. 45%

Q.36 Five solid cubes, each of volume $1,09,41,048 \text{ cm}^3$, are joined end to end to form a cuboid. What is the lateral surface area (in cm^2) of the cuboid?

- Ans**
- ☐ 1. 5,91,310
 - ☐ 2. 5,91,312
 - ☒ 3. 5,91,408
 - ☐ 4. 5,91,663

Q.37 The Union Council of Ministers in India, as the Chief Executive Organ, implicates which of the following?

- Ans**
- ☐ 1. Centralisation of power in local bodies
 - ☒ 2. Each minister is the political head of his/her ministry
 - ☐ 3. The abolition of the role of the Secretary
 - ☐ 4. Ministers leave all work operations to be done by civil servants

Q.38 Which of the following numbers is divisible by 81?

- Ans**
- ☐ 1. 4678
 - ☐ 2. 5854
 - ☐ 3. 5232
 - ☒ 4. 5265

Q.39 Which of the following Articles of the Indian Constitution states about the establishment of Election Commission in India?

- Ans**
- ☐ 1. Article 325
 - ☒ 2. Article 324
 - ☐ 3. Article 327
 - ☐ 4. Article 326

Q.40 If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 9368547, what will be the sum of the digits which are third from the left and third from the right in the new number thus formed?

- Ans**
- ☐ 1. 8
 - ☐ 2. 14
 - ☐ 3. 12
 - ☒ 4. 10

Q.41 Mr. KLM starts from Point A and drives 21 km towards the south. He then takes a left turn, drives 7 km, turns left and drives 26 km. He then takes a left turn and drives 11 km. He takes a final left turn, drives 5 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified)

- Ans**
- ☒ 1. 4 km to the east
 - ☐ 2. 7 km to the east
 - ☐ 3. 3 km to the west
 - ☐ 4. 5 km to the west

Q.42 As per the Union Budget 2025-26, a Maritime Development Fund with corpus of how much will be established?

- Ans**
- ☐ 1. ₹20,000 crore
 - ☒ 2. ₹25,000 crore
 - ☐ 3. ₹15,000 crore
 - ☐ 4. ₹10,000 crore

Q.43 If 2 is added to each even digit and 2 is added to each odd digit in the number 4713562, what will be the sum of the last two and first two digits in the new number thus formed?

- Ans**
- ☒ 1. 27
 - ☐ 2. 25
 - ☐ 3. 23
 - ☐ 4. 29

Q.44 Seven people, D, E, F, G, L, M and N, are sitting in a row, facing north. Only M sits to the left of N. Only four people sit between M and L. Only F sits between G and D, and G is not an immediate neighbour of L. Who sits at the extreme right of the line?

- Ans**
- ☐ 1. N
 - ☒ 2. E
 - ☐ 3. G
 - ☐ 4. D

Q.45 Which Article of the Constitution of India mentions the Fundamental Duty of safeguarding public property and abjuring violence?

- Ans**
- ☐ 1. Article 51A (k)
 - ☐ 2. Article 51A (j)
 - ☒ 3. Article 51A (i)
 - ☐ 4. Article 51A (h)

Q.46 Who discovered the antibacterial properties of a Penicillium fungus in 1929?

- Ans**
- ☒ 1. Alexander Fleming
 - ☐ 2. Paul Ehrlich
 - ☐ 3. Antonie van Leeuwenhoek
 - ☐ 4. Marie Curie

Q.47 The shorter side of a rectangle is 21 cm less than the longer side. The numerical value of its area is equal to 5 times the numerical value of its perimeter. What is the length (in cm) of its longer side?

- Ans**
- ☐ 1. 38
 - ☒ 2. 35
 - ☐ 3. 47
 - ☐ 4. 32

Q.48 Mr. I starts from Point M and drives 1 km towards the south. He then takes a right turn, drives 3 km, turns left and drives 3 km. He then takes a left turn and drives 4 km. He takes a final left turn, drives 4 km and stops at Point N. How far (shortest distance) and towards which direction should he drive in order to reach Point M again? (All turns are 90-degree turns only unless specified.)

- Ans**
- ☐ 1. 4 km towards the east
 - ☐ 2. 2 km towards the south
 - ☐ 3. 4 km towards the north
 - ☒ 4. 1 km towards the west

Q.49 If the average of 6 consecutive odd numbers is 30, the difference between the largest and the smallest numbers is:

- Ans**
- ☒ 1. 10
 - ☐ 2. 15
 - ☐ 3. 18
 - ☐ 4. 16

Q.50 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

YRU WPS UNQ SLO ?

- Ans**
- ☐ 1. QJN
 - ☐ 2. QIN
 - ☐ 3. QIM
 - ☒ 4. QJM

Q.51 Where is the headquarters of the National Turmeric Board, which was established in 2025?

- Ans**
- ☐ 1. Kolkata
 - ☐ 2. Guntur
 - ☒ 3. Nizamabad
 - ☐ 4. Kochi

Q.52 B is the father of C. Q is the sister of C. T is the only sister of Q. T is the child of S. M is the son of S's only son.

How is S related to B?

- Ans**
- ☐ 1. Father's sister
 - ☐ 2. Father's brother
 - ☒ 3. Wife
 - ☐ 4. Wife's mother

Q.53 Which country reported its first-ever presumptive human case of H5 bird flu in November 2024?

- Ans**
- ☒ 1. Canada
 - ☐ 2. United Kingdom
 - ☐ 3. United States
 - ☐ 4. Australia

Q.54 _____ was crowned the Ranji Trophy champion for the 2024-25 season.

- Ans**
- ☐ 1. Tamil Nadu
 - ☐ 2. Mumbai
 - ☒ 3. Vidarbha
 - ☐ 4. Kerala

Q.55 If $a + b = 24$ and $(a - b)^2 = 268$, find the value of product of a and b .

- Ans**
- ☐ 1. 110
 - ☐ 2. 68
 - ☒ 3. 77
 - ☐ 4. 140

Q.56 With reference to computer systems, what does CPU stand for?

- Ans**
- ☐ 1. Control Processing Unit
 - ☒ 2. Central Processing Unit
 - ☐ 3. Central Programming Unit
 - ☐ 4. Computer Processing Utility

Q.57 What is the title of Sarojini Naidu's first collection of poems, published in 1905?

- Ans**
- ☐ 1. The Captive Lady
 - ☐ 2. Urvasie
 - ☐ 3. Songs of the Dawn
 - ☒ 4. The Golden Threshold

Q.58 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1862547, then what will the difference between the highest and lowest digits in the new number thus formed be?

- Ans**
- ☐ 1. 6
 - ☐ 2. 9
 - ☐ 3. 7
 - ☒ 4. 8

Q.59 What role did the 'Dikus' play in igniting early tribal revolts of India?

- Ans**
- ☐ 1. They were tribal priests encouraging the tribal rebellion.
 - ☐ 2. They were perceived Gods of the forests.
 - ☒ 3. They were outsiders like landlords, moneylenders and officials exploiting tribal community.
 - ☐ 4. They were British officials stationed in tribal areas.

Q.60 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. XB - DK
 - ☐ 2. NR - TA
 - ☒ 3. DH - IQ
 - ☐ 4. RV - XE

Q.61 Find the simple interest (in closest integral ₹) on ₹3,000 at 6% per annum rate of interest for the period from 9 February 2024 to 10 April 2024.

- Ans**
- ☐ 1. 28
 - ☒ 2. 30
 - ☐ 3. 29
 - ☐ 4. 31

Q.62 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	5	\$	7	2	%	*	3	^	#	9
Code	A	F	L	B	G	M	C	H	N	D

Conditions:

- i) If the first element is a number and the last a symbol, then the codes for these two (the first and the last elements) are to be interchanged.
- ii) If the first and the last elements are odd numbers, then the first and last elements are to be coded as @.
- iii) If both the second and third elements are perfect square roots, then the third element is to be coded as the code for the second element.

What will be the code for 5#64%?



- Ans**
- ☒ 1. GKPNA
 - ☒ 2. AKPNG
 - ☒ 3. ANPKG
 - ☒ 4. GNPKA

Q.63 In February 2025, the Indian government announced a six-year program to boost the production of which agricultural commodity to reduce import dependence?

- Ans**
- ☒ 1. Wheat
 - ☒ 2. Rice
 - ☒ 3. Sugar
 - ☒ 4. Pulses

Q.64 A and B complete a work in 15 days. If A alone can do it in 17 days, then B alone can do two-third of the same work in _____ days.

- Ans**
- ☒ 1. 85
 - ☒ 2. 170
 - ☒ 3. 255
 - ☒ 4. 340

Q.65 Kalpana and Sudha got 621 and 522 marks, respectively, in the same examination. If Kalpana scored 69% marks, then what is the percentage of marks scored by Sudha?

- Ans**
- ☒ 1. 58%
 - ☒ 2. 60%
 - ☒ 3. 59%
 - ☒ 4. 55%

Q.66 Consider the following statements regarding the MEDEVAC operation conducted by Indian maritime forces in March 2025.

1. The Indian Navy evacuated injured crew members from MV Heilan Star, located in west of Goa.
2. A Sea King helicopter from INS Vikrant airlifted three injured crew members, including two Chinese and one Indonesian national.
3. The Indian Navy and Indian Air Force jointly coordinated the operation.
4. The rescued crew were flown to INS Hansa, Goa, for onward transfer to a civil hospital.

Which of the above statements are correct?

- Ans**
- ☐ 1. Only 1, 2 and 3
 - ☒ 2. Only 1, 2 and 4
 - ☐ 3. Only 2 and 4
 - ☐ 4. Only 1 and 3

Q.67 The average of 10 observations is 40. It was realised later that an observation was misread as 32 in place of 43. Find the correct average.

- Ans**
- ☐ 1. 44.1
 - ☒ 2. 41.1
 - ☐ 3. 40.1
 - ☐ 4. 42.1

Q.68 What is the function of the keyboard shortcut Ctrl + F in Windows OS?

- Ans**
- ☐ 1. It checks and corrects spelling errors in text.
 - ☒ 2. It opens a search or find feature to locate text or items in files, webpages or applications.
 - ☐ 3. It forwards an email message to another recipient.
 - ☐ 4. It formats content in a document or application.

Q.69 According to the Economic survey 2024-25, what is the value of India's foreign exchange reserves, as of the end of December 2024?

- Ans**
- ☐ 1. \$520.5 billion
 - ☐ 2. \$440.8 billion
 - ☒ 3. \$640.3 billion
 - ☐ 4. \$330.3 billion

Q.70 This question is based on the five, three-digit numbers given below.
(Left) 951 474 717 497 127 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is subtracted from the third digit of the lowest number?

- Ans**
- ☐ 1. -1
 - ☐ 2. -3
 - ☐ 3. -4
 - ☒ 4. -2

Q.71 Which is the largest saline wetland in India?

- Ans**
- ☒ 1. Sambhar Lake
 - ☐ 2. Chilika Lake
 - ☐ 3. Pulicat Lake
 - ☐ 4. Wular Lake

Q.72 If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 1865374, which of the following digits will be third from the left in the new number thus formed?

- Ans
- ☐ 1. 3
 - ☒ 2. 5
 - ☐ 3. 2
 - ☐ 4. 7

Q.73 What is the median of the following data?

19, 98, 77, 24, 99, 71, 70, 56, 80, 12, 88

- Ans
- ☐ 1. 71.5
 - ☐ 2. 70.5
 - ☒ 3. 71
 - ☐ 4. 72

Q.74 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 7 & 9 ^ # 1 * 5 < 2 6 ≡ 4 Δ 3 \$ @ 8 (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by another number?

- Ans
- ☐ 1. One
 - ☐ 2. Three
 - ☒ 3. More than three
 - ☐ 4. Two

Q.75 A bag contains 50 Paisa, 25 Paisa and 10 Paisa coins in the ratio 16 : 8 : 20, amounting to ₹384. Find the number of 10 Paisa coins.

- Ans
- ☒ 1. 640
 - ☐ 2. 696
 - ☐ 3. 660
 - ☐ 4. 668

Q.76 Mahesh withdrew ₹3,100 from a bank. He received a total of 34 notes of ₹50 and ₹100 denominations. The number of ₹50 notes received by him was:

- Ans
- ☒ 1. 6
 - ☐ 2. 16
 - ☐ 3. 4
 - ☐ 4. 13

Q.77 The successive discounts of 28%, 20% and 10% are equivalent to a single discount of:

- Ans
- ☐ 1. 46.1%
 - ☒ 2. 48.16%
 - ☐ 3. 50.59%
 - ☐ 4. 46.69%

Q.78 In a certain code language, 'FIGS' is coded as '3648' and 'ICED' is coded as '1285'. What is the code for 'I' in the given code language?

- Ans
- ☐ 1. 5
 - ☒ 2. 8
 - ☐ 3. 6
 - ☐ 4. 1

Q.79 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(19, 39, 44)

(13, 27, 32)

Ans ✓ 1. (11, 23, 28)

✗ 2. (24, 45, 50)

✗ 3. (29, 49, 54)

✗ 4. (35, 61, 66)

Q.80 The diagonals of a quadrilateral are perpendicular bisectors of each other. If the length of one diagonal is 3 cm and the area of the quadrilateral is 180 cm^2 , find the length (in cm) of the other diagonal.

Ans ✗ 1. 115

✗ 2. 128

✗ 3. 112

✓ 4. 120

Q.81 This question is based on the five, three-digit numbers given below.
(Left) 983 986 481 941 167 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is subtracted from the first digit of the lowest number?

Ans ✓ 1. -5

✗ 2. -2

✗ 3. -4

✗ 4. -3

Q.82 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All curtain are screen.

All curtain are blinder.

Some blinder are drape.

Conclusions:

(I) Some drape are curtain.

(II) Some blinder are screen.

Ans ✗ 1. Both conclusions (I) and (II) follow

✗ 2. Only conclusion (I) follows

✓ 3. Only conclusion (II) follows

✗ 4. Neither conclusion (I) nor (II) follows

Q.83 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	\$	%	&	*	2	4	6	@	#	3	+	8	9	7
Code	T	U	P	S	D	F	J	K	Z	C	V	B	N	M

Conditions:

If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.

If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.

If both second and third elements are perfect cubes, the third element is to be coded as the code for the second element.

What will be the code for the following group?

3 9 8 *

- Ans**
- ☒ 1. SNBC
 - ☒ 2. CNNS
 - ☒ 3. CNBS
 - ☒ 4. CBBS

Q.84 The Green Revolution was introduced to counter food shortages. Which region(s) was/were the initial focus of the Green Revolution?

- Ans**
- ☒ 1. Punjab and Haryana
 - ☒ 2. Bihar
 - ☒ 3. Odisha and Assam
 - ☒ 4. Tamil Nadu

Q.85 In January 2025, Wing Commander Akshay Saxena received the Vayu Sena Medal for his role in anti-piracy operations conducted in which of the following regions?

- Ans**
- ☒ 1. Arabian Sea
 - ☒ 2. Andaman Sea
 - ☒ 3. Gulf of Thailand
 - ☒ 4. Bay of Bengal

Q.86 Which positive number should replace both question marks in the following equation?

$$\frac{?}{56} = \frac{504}{?}$$

- Ans**
- ☒ 1. 174
 - ☒ 2. 184
 - ☒ 3. 168
 - ☒ 4. 183

Q.87 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. D lives on an odd numbered floor but not 5. The sum of floors on which D and A live is 5. Only 3 people live between A and F. B lives immediately above E. How many people live above B?

- Ans**
- ☐ 1. 2
 - ☐ 2. 4
 - ☐ 3. 3
 - ☒ 4. 1

Q.88 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. KEBW
 - ☐ 2. FZWR
 - ☐ 3. QKHC
 - ☒ 4. WQNJ

Q.89 What is the IMF's projected US GDP growth rate for 2025, as per the April 2025 forecast?

- Ans**
- ☒ 1. 1.8%
 - ☐ 2. 2.5%
 - ☐ 3. 3.4%
 - ☐ 4. 3.7%

Q.90 What is the primary advantage of using 'Section Breaks' in an MS Word document compared to simply using 'Page Breaks'?

- Ans**
- ☐ 1. Section breaks improve the document's file size and performance, especially in long documents with numerous formatting changes.
 - ☐ 2. Section breaks are primarily used to optimise the document for printing on different paper sizes, which is not possible with page breaks.
 - ☒ 3. Section breaks allow for different page numbering schemes, headers, and footers within the same document, while page breaks only force content to the next page.
 - ☐ 4. Section breaks automatically create a table of contents based on the headings within each section, a feature not available with standard page breaks.

Q.91 Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.

PNQ : QQO
UQR : VTP

- Ans**
- ☒ 1. OHM : PKK
 - ☐ 2. VHQ : WKN
 - ☐ 3. QSX : RUV
 - ☐ 4. UCT : VFS

Q.92 If a sum of ₹6,70,000 is invested for a year at 2% per annum compounded half yearly, then find the compound interest.

- Ans**
- ☐ 1. ₹11,545
 - ☐ 2. ₹13,630
 - ☐ 3. ₹12,805
 - ☒ 4. ₹13,467

Q.93 Seven boxes D, E, F, G, S, T and U are kept one over the other but not necessarily in the same order. Only four boxes are kept between E and D. Only F is kept above E. Only two boxes are kept between T and U. G is kept immediately above S. U is not kept immediately above G. Which box is kept fourth from the top?

- Ans**
- ☐ 1. T
 - ☐ 2. D
 - ☐ 3. F
 - ☒ 4. G

Q.94 A boat takes 39 minutes to go 27.9 km upstream. The ratio of the speed of the boat in still water to that of the stream is 9 : 4. How much total time (in hours) will the boat take to go 18.9 km upstream and 51.3 km downstream?

- Ans**
- ☐ 1. 2.6
 - ☒ 2. 0.9
 - ☐ 3. 1.9
 - ☐ 4. 4.3

Q.95 Find the roots of $x^{-4} - 10x^{-2} + 9 = 0$.

- Ans**
- ☐ 1. $\pm 1, \pm \frac{1}{4}$
 - ☒ 2. $\pm 1, \pm \frac{1}{3}$
 - ☐ 3. $\pm 1, \pm \frac{1}{5}$
 - ☐ 4. $\pm 1, \pm \frac{2}{3}$

Q.96 The product of two numbers x and y is 45 and their sum is 14. Find the

- Ans**
- ☐ 1. 759
 - ☐ 2. 586
 - ☐ 3. 675
 - ☒ 4. 854

Q.97 Which of the following countries DOES NOT share a land boundary with India?

- Ans**
- ☐ 1. Myanmar
 - ☐ 2. Bhutan
 - ☒ 3. Sri Lanka
 - ☐ 4. Afghanistan

Q.98 An electric pump can fill a tank in 6 hours. Due to a leakage in the tank, it takes 10 hours to empty the full tank if water does not get in or out of the tank till the pump is closed.

- Ans**
- ☐ 1. 44 hours
 - ☒ 2. 30 hours
 - ☐ 3. 33 hours
 - ☐ 4. 39 hours

Q.99 What percentage of households were classified as the poorest of the poor, as per SECC-2011?

- Ans**
- ☐ 1. 0.79%
 - ☐ 2. 0.59%
 - ☐ 3. 1%
 - ☒ 4. 0.89%

Q.100 Dholavira is unique for which of the following?

- Ans**
- ☐ 1. Rock-cut architecture
 - ☐ 2. Scripted seals
 - ☐ 3. Use of palm leaves
 - ☒ 4. Water conservation systems



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	iON Digital Zone iDZ Austinpatti
Test Date	20/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All burger are pizza.

All burger are fries.

All burger are taco.

Conclusions:

(I) All pizza are taco.

(II) Some taco are fries.

- Ans**
- ☒ 1. Only conclusion (I) follows
 - ☒ 2. Both conclusions (I) and (II) follow
 - ☒ 3. Only conclusion (II) follows
 - ☒ 4. Neither conclusion (I) nor (II) follows

Q.2 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

PTM NSJ LRG ? HPA

- Ans**
- ☒ 1. HPD
 - ☒ 2. JQE
 - ☒ 3. JPD
 - ☒ 4. JQD

Q.3 In January 2025, which major tribute was part of the Armed Forces Veterans' Day celebration held at Akhnoor, Jammu?

- Ans**
- ☒ 1. Launch of One Rank One Pension Phase II Benefits
 - ☒ 2. Hoisting of a 108-feet National Flag and opening of a heritage museum
 - ☒ 3. Inauguration of a National Veterans Memorial Park
 - ☒ 4. Award ceremony for Gallantry Medals to ex-servicemen families

Q.4 What is one of the key advantages of the parliamentary system in ensuring smooth governance?

- Ans**
- ☐ 1. The Prime Minister can dissolve the legislature at will.
 - ☐ 2. The judiciary controls both the legislature and the executive.
 - ☐ 3. The executive has absolute power over the legislature.
 - ☒ 4. It ensures harmony and cooperation between the legislature and the executive.

Q.5 A booster pump can be used for filling as well as for emptying a tank. The capacity of the tank is 1800 m^3 . The emptying capacity of the tank is $10 \text{ m}^3/\text{min}$ higher than its filling capacity, and the pump needs 6 minutes lesser to empty the tank than it needs to fill it. What is the filling capacity of the pump in m^3/min ?

- Ans**
- ☐ 1. 18
 - ☐ 2. 65
 - ☒ 3. 50
 - ☐ 4. 27

Q.6 The 9th Amendment Act, 1960, was enacted to give effect to which of the following agreements?

- Ans**
- ☐ 1. Tashkent Agreement, 1966
 - ☐ 2. Lahore Declaration, 1999
 - ☐ 3. Shimla Agreement, 1972
 - ☒ 4. Indo-Pak Agreement, 1958

Q.7 Refer to the number and symbol series given below and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) £ € # 9 4 9 \$ € * 9 @ * 6 6 5 © 5 6 3 8 7 6 (Right)

How many such numbers are there, each of which is immediately preceded by a number and also immediately followed by a number?

- Ans**
- ☒ 1. 6
 - ☐ 2. 8
 - ☐ 3. 7
 - ☐ 4. 5

Q.8 The length and breadth of a cuboid are 70 cm and 96 cm, respectively. If its surface area is 1488 cm^2 , then what is the length (in cm) of its diagonal?

- Ans**
- ☐ 1. $\sqrt{15402}$
 - ☐ 2. $\sqrt{15408}$
 - ☐ 3. $\sqrt{15420}$
 - ☒ 4. $\sqrt{15412}$

Q.9 Which of the following ratios is greatest?

- Ans**
- ☐ 1. 13 : 32
 - ☐ 2. 23 : 25
 - ☒ 3. 25 : 26
 - ☐ 4. 18 : 37

Q.10 Mr. Y starts from Point B and drives 1 km towards the south. He then takes a left turn, drives 9 km, turns right and drives 2 km. He then takes a left turn and drives 13 km. He takes a final left turn, drives 3 km and stops at Point A. How far (shortest distance) and towards which direction should he drive in order to reach Point B again? (All turns are 90-degree turns only unless specified.)

- Ans**
- ☒ 1. 22 km towards the west
 - ☐ 2. 9 km towards the south
 - ☐ 3. 1 km towards the north
 - ☐ 4. 18 km towards the east

Q.11 In February 2025, India's External Affairs Minister and envoys from 61 countries visited which national park to experience its rich biodiversity and the iconic one-horned rhinos?

- Ans**
- ☐ 1. Sundarbans National Park
 - ☐ 2. Jim Corbett National Park
 - ☐ 3. Periyar National Park
 - ☒ 4. Kaziranga National Park

Q.12 Which body was established to control all matters of civil and military government of British territories in India?

- Ans**
- ☐ 1. Board of Executives
 - ☒ 2. Board of Control
 - ☐ 3. Board of Legislature
 - ☐ 4. Board of Directors

Q.13 Reena, Naveen and Arpita started a business in partnership, investing in the ratio of 5 : 6 : 13, respectively. At the end of the year, they earned a profit of ₹36,400, which is 14% of their total investment. How much did Naveen invest (in ₹)?

- Ans**
- ☐ 1. ₹64,769
 - ☐ 2. ₹65,105
 - ☒ 3. ₹65,000
 - ☐ 4. ₹64,818

Q.14 The Harsha inscription of 554 CE mentions the rise of Yajnavarman from which place?

- Ans**
- ☐ 1. Thanesar
 - ☐ 2. Magadha
 - ☐ 3. Kannouj
 - ☒ 4. Gaya

Q.15 Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.

AJK : BEG

JIL : KDH

- Ans**
- ☐ 1. BKK : CFH
 - ☒ 2. KKQ : LFM
 - ☐ 3. RLO : SIK
 - ☐ 4. OHF : PCC

Q.16 Kavita buys 2 apples and 5 mangoes for ₹239. When the cost of an apple is decreased by 50% and that of a mango remains the same, then the cost of 2 apples and 4 mangoes is ₹184. What is the original cost of 8 apples and 8 mangoes?

- Ans**
- ☐ 1. ₹438
 - ☐ 2. ₹441
 - ☒ 3. ₹440
 - ☐ 4. ₹436

Q.17 SGUL is related to XLZQ in a certain way based on the English alphabetical order. In the same way, MAOF is related to RFTK. To which of the following options is BPDU related, following the same logic?

- Ans**
- ☐ 1. GZUI
 - ☒ 2. GUIZ
 - ☐ 3. GZIU
 - ☐ 4. GUZI

Q.18 This question is based on the five, three-digit numbers given below.
(Left) 657 435 578 659 619 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the third digit of the lowest number?

- Ans**
- ☐ 1. 11
 - ☐ 2. 12
 - ☐ 3. 9
 - ☒ 4. 10

Q.19 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Q has an exam on Tuesday. Exactly 2 people have exams between Q and R. P has an exam immediately before T, and S has an exam immediately after V. Only 1 person has an exam between T and V. Who has an exam on Monday?

- Ans**
- ☐ 1. V
 - ☒ 2. U
 - ☐ 3. T
 - ☐ 4. S

Q.20 The successive discounts of 24%, 18% and 20% are equivalent to a single discount of:
(Rounded up to two decimal places.)

- Ans**
- ☐ 1. 52.84%
 - ☐ 2. 51.51%
 - ☐ 3. 49.27%
 - ☒ 4. 50.14%

Q.21 In March 2025, how many Light Combat Helicopters, Prachand, were ordered by the Ministry of Defence?

- Ans**
- ☐ 1. 126
 - ☒ 2. 156
 - ☐ 3. 136
 - ☐ 4. 196

Q.22 Seven friends, E, F, G, H, I, J and Q, are sitting in a row facing north. Only three people sit to the left of Q. Only H sits to the right of E. Only three people sit between E and J. I sits at some place to the left of F but at some place to the right of G. How many people sit between G and F?

- Ans
- ☐ 1. One
 - ☐ 2. Two
 - ☐ 3. Four
 - ☒ 4. Three

Q.23 The Indian government is set to implement the 'One State, One RRB' (Regional Rural Bank) policy to improve operational efficiency, reduce competition and consolidate the existing 43 RRBs into _____.

- Ans
- ☐ 1. 27
 - ☐ 2. 26
 - ☒ 3. 28
 - ☐ 4. 29

Q.24 Which state has the longest coastline in India, excluding islands?

- Ans
- ☐ 1. Tamil Nadu
 - ☐ 2. Andhra Pradesh
 - ☐ 3. Maharashtra
 - ☒ 4. Gujarat

Q.25 Which part of a Hindu temple serves as the innermost chamber for the primary deity?

- Ans
- ☐ 1. Kalasha
 - ☐ 2. Shikhara
 - ☒ 3. Garbhagriha
 - ☐ 4. Jagati

Q.26 Find the area of the sector of a circle with diameter 14 cm, if the arc of the sector makes an angle of 120° at the centre of the circle. (Use $\pi = \frac{22}{7}$)

- Ans
- ☐ 1. 150 cm^2
 - ☒ 2. $51\frac{1}{3} \text{ cm}^2$
 - ☐ 3. 154 cm^2
 - ☐ 4. $51\frac{1}{2} \text{ cm}^2$

Q.27 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 26347591, what will be the sum of the second digit from left and third digit from right in the new number thus formed?

- Ans
- ☐ 1. 14
 - ☐ 2. 8
 - ☐ 3. 10
 - ☒ 4. 12

Q.28 If $a + b = 32$ and $(a - b)^2 = 372$, find the value of product of a and b.

- Ans
- ☐ 1. 161
 - ☐ 2. 261
 - ☒ 3. 163
 - ☐ 4. 145

Q.29 Anand purchased an item and incurred ₹169 in repair expenses. Subsequently, he sold it to Bharath with a 25% profit. Eventually, Bharath sold the item for ₹4,480, making a 44% loss. What was the original cost (in ₹) of the item for Anand?

- Ans**
- ☐ 1. 6,400
 - ☐ 2. 6,403
 - ☐ 3. 6,397
 - ☒ 4. 6,231

Q.30 Mr. OPQ starts from Point A and drives 31 km towards the north. He then takes a left turn, drives 11 km, turns left and drives 51 km. He then takes a left turn and drives 16 km. He takes a final left turn, drives 20 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified)

- Ans**
- ☒ 1. 5 km to the west
 - ☐ 2. 9 km to the east
 - ☐ 3. 3 km to the south
 - ☐ 4. 4 km to the north

Q.31 RUYQ is related to KNRJ in a certain way based on the English alphabetical order. In the same way, ORVN is related to HKOG. To which of the given options is LOSK related, following the same logic?

- Ans**
- ☐ 1. HEDL
 - ☒ 2. EHL D
 - ☐ 3. HELD
 - ☐ 4. EHD L

Q.32 The coordination number of atoms in a body-centered cubic (BCC) lattice is:

- Ans**
- ☐ 1. 12
 - ☒ 2. 8
 - ☐ 3. 4
 - ☐ 4. 6

Q.33 Find the greatest number by which when the numbers 247 and 189 are divided, it leaves remainders 3 and 6, respectively.

- Ans**
- ☐ 1. 63
 - ☐ 2. 64
 - ☐ 3. 62
 - ☒ 4. 61

Q.34 Which of the following best describes the nature of the Northern Plain?

- Ans**
- ☒ 1. Alluvial and fertile
 - ☐ 2. Rocky and elevated
 - ☐ 3. Arid and barren
 - ☐ 4. Hilly and forested

Q.35 One-third of a journey is covered at a speed of 67 km/hr, the next one-third of the journey is covered at a speed of 66 km/hr, and the remaining journey is covered at a speed of 17 km/hr. The average speed (in km/hr, rounded off to one decimal place) for the entire journey is:

- Ans**
- ☒ 1. 33.7
 - ☐ 2. 29.6
 - ☐ 3. 43.7
 - ☐ 4. 28.6

Q.36 Alluvial soil is mainly found in which region of India?

- Ans**
- ☐ 1. Eastern Ghats
 - ☐ 2. Peninsular Plateau
 - ☒ 3. Indo-Gangetic Plain
 - ☐ 4. Western Ghats

Q.37 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. JR – PW
 - ☐ 2. FN – LS
 - ☐ 3. WE – CJ
 - ☒ 4. CK – JP

Q.38 In November 2024, which Indian state conducted an Olympic-style school sports event with participation from Gulf-based Indian schools?

- Ans**
- ☐ 1. Maharashtra
 - ☒ 2. Kerala
 - ☐ 3. Tamil Nadu
 - ☐ 4. Delhi

Q.39 Which component of Windows OS allows users to modify system settings such as display resolution, sound preferences and user accounts?

- Ans**
- ☒ 1. Control Panel
 - ☐ 2. Command Prompt
 - ☐ 3. Task Manager
 - ☐ 4. File Explorer

Q.40 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: OWF :: VDM : %

- Ans**
- ☐ 1. # = TYK, % = QYH
 - ☐ 2. # = TBK, % = QYU
 - ☒ 3. # = TBK, % = QYH
 - ☐ 4. # = TBM, % = QYH

Q.41 Which of the following conditions will prevent a file from being renamed in a Windows-based operating system?

- Ans**
- ☐ 1. The file has the 'Read-only' attribute enabled.
 - ☐ 2. The file is located in the Recycle Bin.
 - ☒ 3. The file is currently opened in another application.
 - ☐ 4. The file has a long name exceeding 255 characters.

Q.42 What was the total financial allocation for the Department of Rural Development for FY 2024-25, as per the Demand of Grants 2024-25 Analysis?

- Ans**
- ☒ 1. ₹1.77 lakh crore
 - ☐ 2. ₹1.26 lakh crore
 - ☐ 3. ₹1.50 lakh crore
 - ☐ 4. ₹2.58 lakh crore

Q.43 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans
- ☒ 1. FKOR
 - ☒ 2. SXBE
 - ☒ 3. FYUB
 - ☒ 4. BGKN

Q.44 The complete sequencing of the human genome has marked the beginning of:

- Ans
- ☒ 1. genomics
 - ☒ 2. immunology
 - ☒ 3. cytogenetics
 - ☒ 4. structural biology

Q.45 If 600 bananas were distributed among three monkeys in the ratio $\frac{1}{14}$ how many bananas did the third monkey get?



- Ans
- ☒ 1. 503
 - ☒ 2. 506
 - ☒ 3. 504
 - ☒ 4. 505

Q.46 What is the theme of the 2025 G20 Johannesburg Summit?

- Ans
- ☒ 1. Solidarity, Equality, Sustainability
 - ☒ 2. Global Economic Recovery
 - ☒ 3. Climate Action Now
 - ☒ 4. Digital Transformation

Q.47 What is the purpose of the 'AutoFill' feature in MS Excel 365?

- Ans
- ☒ 1. To split text into multiple cells
 - ☒ 2. To copy cell content or continue a pattern
 - ☒ 3. To automatically sum a range of values
 - ☒ 4. To validate cell data

Q.48 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 1 5 & 3 * \$ 4 @ % 2 7 # 9 ^ # > 6 8 (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by another number?

- Ans
- ☒ 1. Two
 - ☒ 2. Three
 - ☒ 3. None
 - ☒ 4. One

Q.49 If the median of a data is 20.8 less than its mode, then the median of the data exceeds its mean by _____. (Use the empirical formula)

- Ans**
- ☒ 1. 6.32
 - ☒ 2. 13.72
 - ☒ 3. 12.43
 - ☒ 4. 10.4

Q.50 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week.

P has the exam on Tuesday. Only two people have exams after R. S has the exam immediately before Q but after R. U has the exam immediately after V.

How many people have exams between T and S?

- Ans**
- ☒ 1. Four
 - ☒ 2. One
 - ☒ 3. Three
 - ☒ 4. Two

Q.51 If $3 \tan A = 4$, then find the value of $\frac{(1 - \sec A)(1 + \sec A)}{(1 - \operatorname{cosec} A)(1 + \operatorname{cosec} A)}$.

- Ans**
- ☒ 1. $\frac{80}{27}$
 - ☒ 2. $\frac{256}{81}$
 - ☒ 3. $\frac{64}{9}$
 - ☒ 4. $\frac{16}{9}$

Q.52 'Reward for loyalty' as a factor for ministerial selection in India refers to:

- Ans**
- ☒ 1. verifying the educational background of candidates
 - ☒ 2. ensuring each geographic region gets equal representation
 - ☒ 3. granting monetary rewards to ministers
 - ☒ 4. recognising and rewarding longstanding support

Q.53 Find the possible value of x.

$$x^4 - 17x^2 + 60 = 0$$

- Ans**
- ☒ 1. $-\sqrt{12}$
 - ☒ 2. $-\sqrt{6}$
 - ☒ 3. $-\sqrt{2}$
 - ☒ 4. $-\sqrt{3}$

Q.54 P is any point inside the rectangle ABCD. If PA = 94 cm, PB = 61 cm and PC = 67 cm, then the length of PD (in cm) is:

- Ans**
- ☒ 1. 95
 - ☒ 2. 102
 - ☒ 3. 96
 - ☒ 4. 98

Q.55 At what rate (in percentage) per annum simple interest will a sum of money triple itself in 8 years?

- Ans**
- ☐ 1. 24
 - ☐ 2. 36.5
 - ☒ 3. 25
 - ☐ 4. 37.5

Q.56 A, B, L, M, S, T and Z are sitting around a circular table facing the centre. M sits to the immediate right of T. Only three people sit between M and A when counted from the left of M. Only three people sit between T and Z. L sits to the immediate right of S. How many people sit between B and S when counted from the left of S?

- Ans**
- ☐ 1. 3
 - ☐ 2. 4
 - ☒ 3. 2
 - ☐ 4. 1

Q.57 The Great Bath is located at:

- Ans**
- ☒ 1. Mohenjo-daro
 - ☐ 2. Rakhigarhi
 - ☐ 3. Dholavira
 - ☐ 4. Harappa

Q.58 What should come in place of the question mark (?) in the given series?

413, 390, 357, ?, 261, 198

- Ans**
- ☐ 1. 334
 - ☐ 2. 324
 - ☒ 3. 314
 - ☐ 4. 344

Q.59 Which keyboard shortcut is used to save an MS PowerPoint presentation quickly?

- Ans**
- ☐ 1. Ctrl + N
 - ☒ 2. Ctrl + S
 - ☐ 3. Ctrl + O
 - ☐ 4. Ctrl + P

Q.60 What should come in place of the question mark (?) in the given series?

911 910 920 919 929 ? 938

- Ans**
- ☒ 1. 928
 - ☐ 2. 924
 - ☐ 3. 929
 - ☐ 4. 926

Q.61 The average of five numbers is 56. Four of the numbers are 35, 42, 32, and 26. What is the fifth number?

- Ans**
- ☐ 1. 68
 - ☐ 2. 55
 - ☒ 3. 145
 - ☐ 4. 135

Q.62 A woman travelled at a speed of 20 m/min for 80 min, and at a speed of 65 m/min for 70 min. Her average speed (in m/min) is:

- Ans**
- ☒ 1. 41
 - ☐ 2. 47
 - ☐ 3. 34
 - ☐ 4. 45

Q.63 The musical narration of the 'Battle of Khongjom' is a popular folk music of which State?

- Ans**
- ☐ 1. Arunachal Pradesh
 - ☐ 2. Nagaland
 - ☒ 3. Manipur
 - ☐ 4. Kerala

Q.64 N is the brother of E. E is the husband of P. L and G are sons of P. How is N related to G?

- Ans**
- ☐ 1. Father's father
 - ☐ 2. Father
 - ☐ 3. Husband's brother
 - ☒ 4. Father's brother

Q.65 Two taps can fill a cistern in 3 hours and 36 hours, respectively. A third tap can empty it in 4 hours. How long (in hours) will it take to fill two-third of the empty cistern, if all of them are opened together?

- Ans**
- ☐ 1. 24
 - ☐ 2. 18
 - ☒ 3. 6
 - ☐ 4. 12

Q.66 What is the unit of measurement for frequency?

- Ans**
- ☐ 1. Joule
 - ☐ 2. Millisecond
 - ☐ 3. Pascal
 - ☒ 4. Hertz (Hz)

Q.67 The sum of the perimeter of two cubes, the length of whose edges are : the product of edges x and y is 156 cm^2 . Find the sum of the volume of



- Ans**
- ☐ 1. 1756 cm^3
 - ☐ 2. 2968 cm^3
 - ☒ 3. 3925 cm^3
 - ☐ 4. 2178 cm^3

Q.68 A right circular cone is 6.7 cm high, and the radius of its base is 17.6 cm. It is melted and recast into a new right circular cone with a base radius of 8.8 cm. Find the height (in cm) of the new cone.

- Ans**
- ☐ 1. 34.5
 - ☐ 2. 25.5
 - ☐ 3. 37.5
 - ☒ 4. 26.8

Q.69 In a certain code language, 'can you knock' is coded as 'mo nv sb' and 'knock the door' is coded as 'kx rg nv'. How is 'knock' coded in the given language?

- Ans**
- ☒ 1. sb
 - ☒ 2. nv
 - ☒ 3. rg
 - ☒ 4. kx

Q.70 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	9	%	2	5	*	\$	3	^	#	4	+	6	7	8
Code	S	G	L	F	B	M	C	H	N	D	J	P	E	K

Conditions:

- i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
- ii) If the first element is an odd number and the last element is an even number, then the first and last elements are to be coded as @.
- iii) If both the second and third elements are divisible by 2, the third element is to be coded as the code for the second element.

What will be the code for 768*%?

- Ans**
- ☒ 1. EPKBG
 - ☒ 2. GPKBE
 - ☒ 3. EPPBG
 - ☒ 4. EKKBG

Q.71 Which of the following statements regarding the 2024 Jharkhand Assembly elections is/are INCORRECT?

- 1. The Indian National Congress won more than 15 seats.
- 2. The Jharkhand Mukti Morcha won the highest vote share.
- 3. Rashtriya Janata Dal won 4 seats in the Assembly.

- Ans**
- ☒ 1. Only 2
 - ☒ 2. 1, 2 and 3
 - ☒ 3. Only 3
 - ☒ 4. Only 1 and 2

Q.72 Who won the Album of the Year at the 67th Annual Grammy Awards in 2025?

- Ans**
- ☒ 1. Sabrina Carpenter – *Short n' Sweet*
 - ☒ 2. Taylor Swift – *The Tortured Poets Department*
 - ☒ 3. Billie Eilish – *Hit Me Hard and Soft*
 - ☒ 4. Beyoncé – *Cowboy Carter*

Q.73 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	5	\$	7	2	%	*	3	^	#	9	+	6	8	4
Code	A	F	L	B	G	M	C	H	N	D	J	P	E	K

Conditions:

- i) If the first element is a number and the last a symbol, the codes for these two (the first and the last elements) are to be interchanged.
- ii) If the first and last elements are odd numbers, then the first and last elements are to be coded as @.
- iii) If both the second and third elements are perfect square roots, then the third element is to be coded as the code for the second element.

What will be the code for \$94^8\$?

- Ans**
- ☒ 1. FKKHE
 - ☒ 2. FDDHE
 - ☒ 3. EDKHF
 - ☒ 4. FDKHE

Q.74 Which prominent Indian leader led the Bardoli Satyagraha of 1928, a major civil disobedience movement against increased land taxes?

- Ans**
- ☒ 1. Mahatma Gandhi
 - ☒ 2. Bal Gangadhar Tilak
 - ☒ 3. Vallabhbhai Patel
 - ☒ 4. Jawaharlal Nehru

Q.75 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1847653, what will be the sum of the highest and lowest digits in the number thus formed?

- Ans**
- ☒ 1. 10
 - ☒ 2. 14
 - ☒ 3. 12
 - ☒ 4. 11

Q.76 The simplified value of $285 - 6 \times (23 + 19) + 83$ is:

- Ans**
- ☒ 1. 106
 - ☒ 2. 110
 - ☒ 3. 107
 - ☒ 4. 116

Q.77 What was the Revised Estimate (RE) for the Department of Rural Development for the financial year 2024-25, as per the Annual Report 2024-25, published by Ministry of Rural Development, Government of India?

- Ans**
- ☒ 1. ₹155,964.23 crore
 - ☒ 2. ₹180,878.11 crore
 - ☒ 3. ₹173,912.11 crore
 - ☒ 4. ₹160,069.46 crore

Q.78 The population of a town in the year 1956 was 2,07,300. If its population increased in two successive decades by 20% in each decade, the population of the town in the year 1976 was:

- Ans**
- ☒ 1. 2,98,512
 - ☐ 2. 2,98,507
 - ☐ 3. 2,98,511
 - ☐ 4. 2,98,513

Q.79 Which type of cell reference in MS Excel modifies both, the column letter and row number automatically when a formula is copied to another location?

- Ans**
- ☒ 1. Relative Reference
 - ☐ 2. Static Reference
 - ☐ 3. Absolute Reference
 - ☐ 4. Mixed Reference

Q.80 The Planning Commission used a technique called 'perspective planning' for formulating five year plans in India. Which of the following best describes 'perspective planning'?

- Ans**
- ☐ 1. Tactical planning for one year
 - ☒ 2. Long-term strategic planning
 - ☐ 3. Crisis management planning
 - ☐ 4. Planning without time limits

Q.81 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1385724, then how many digits will appear more than once in the new number thus formed?

- Ans**
- ☒ 1. 2
 - ☐ 2. 0
 - ☐ 3. 1
 - ☐ 4. 3

Q.82 Where was the ISSF World Cup 2025 held, where Rudranksh Patil and Arya Borse won silver in the 10 m Air Rifle Mixed Team event?

- Ans**
- ☐ 1. Munich, Germany
 - ☒ 2. Lima, Peru
 - ☐ 3. Cairo, Egypt
 - ☐ 4. New Delhi, India

Q.83 The mode of the observations 21, 27, 25, 31, 21, 35, 23, 25, 32, 27, 21, 29, 32, 29 and 31 is:

- Ans**
- ☒ 1. 21
 - ☐ 2. 25
 - ☐ 3. 31
 - ☐ 4. 27

Q.84 In which year was English education formally introduced in India by the British?

- Ans**
- ☐ 1. 1854
 - ☐ 2. 1829
 - ☒ 3. 1835
 - ☐ 4. 1813

Q.85 Nagara Uprising, a significant peasant rebellion that occurred in the Nagar province (present-day Shivamogga district) of the Mysore Kingdom, took place in:

- Ans**
- ✓ 1. 1830-31
 - ✗ 2. 1710-11
 - ✗ 3. 1798-99
 - ✗ 4. 1856-57

Q.86 Which of the following soils is most suitable for rice cultivation in India?

- Ans**
- ✗ 1. Saline soil
 - ✓ 2. Alluvial soil
 - ✗ 3. Desert soil
 - ✗ 4. Red soil

Q.87 In the following number-pairs, the second number is obtained by applying certain mathematical operation(s) to the first number. Select the number pair in which the numbers are related in the same way as are the numbers of the following pairs. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 - Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

78, 91
94, 107

- Ans**
- ✗ 1. 71, 74
 - ✗ 2. 82, 105
 - ✓ 3. 86, 99
 - ✗ 4. 99, 114

Q.88 Which Indian state was named the "Go-To Global Destination for 2025" by the Wall Street Journal, highlighting its rich heritage and diverse wildlife?

- Ans**
- ✗ 1. Rajasthan
 - ✗ 2. Kerala
 - ✗ 3. Odisha
 - ✓ 4. Madhya Pradesh

Q.89 In January 2025, which veteran filmmaker received the Padmapani Lifetime Achievement Award for Indian cinema?

- Ans**
- ✗ 1. Mira Nair
 - ✗ 2. Vishal Bhardwaj
 - ✗ 3. Shyam Benegal
 - ✓ 4. Sai Paranjpye

Q.90 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

KO29 JN41 IM53 HL65 ?

- Ans**
- ✓ 1. GK77
 - ✗ 2. GL77
 - ✗ 3. GL78
 - ✗ 4. GK78

Q.91 Privatisation involves transferring the ownership of enterprises from the public to the private sector. What is the primary goal of privatisation?

- Ans**
- ☐ 1. Increase monopoly power
 - ☐ 2. Increase fiscal deficit
 - ☐ 3. Enhance public employment
 - ☒ 4. Improve efficiency and reduce government burden

Q.92 Which of the following numbers is divisible by 11?

- Ans**
- ☐ 1. 2652
 - ☐ 2. 2118
 - ☐ 3. 1440
 - ☒ 4. 1749

Q.93 If a sum of ₹9,10,000 is invested for a year at 2% per annum compounded half yearly, then find the compound interest.

- Ans**
- ☒ 1. ₹18,291
 - ☐ 2. ₹17,125
 - ☐ 3. ₹20,081
 - ☐ 4. ₹18,828

Q.94 Seven boxes, F, G, H, I, L, M and N, are kept one over the other but not necessarily in the same order. Only three boxes are kept below I. Only two boxes are kept between I and F. Only H is kept above L. M is kept at some place below G and at some place above N. Which box is kept at second position from the bottom?

- Ans**
- ☐ 1. H
 - ☒ 2. N
 - ☐ 3. F
 - ☐ 4. L

Q.95 There are two sections A and B of a class, consisting of 22 and 44 students, respectively. If the average weight of section A is 40 kg and that of section B is 37 kg, find the average weight of the whole class (in kg).

- Ans**
- ☐ 1. 39
 - ☐ 2. 38.5
 - ☒ 3. 38
 - ☐ 4. 37.5

Q.96 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 4568712, what will be the difference between the highest and lowest digits in the number thus formed?

- Ans**
- ☐ 1. 7
 - ☐ 2. 9
 - ☒ 3. 8
 - ☐ 4. 6

Q.97 Which Union Territory of India has the longest coastline as per the 2022-23 Annual Report of the Ministry of Home Affairs?

- Ans**
- ☐ 1. Puducherry
 - ☒ 2. Andaman and Nicobar Islands
 - ☐ 3. Daman and Diu
 - ☐ 4. Lakshadweep

Q.98 The population of a village was 1,10,000. It increased by 5% in the first year and increased by 30% in the second year. Its population after two years is ____.

- Ans**
- ☐ 1. 1,48,500
 - ☐ 2. 1,15,500
 - ☐ 3. 1,43,000
 - ☒ 4. 1,50,150

Q.99 An article is sold for ₹x. If it is sold at 40% of this price, there is a loss of 50%. What is the percentage profit when it is sold for ₹x?

- Ans**
- ☐ 1. 22%
 - ☐ 2. 27%
 - ☐ 3. 28%
 - ☒ 4. 25%

Q.100 What specific provision concerning the President of India is outlined in Article 59(3) of the Constitution of India?

- Ans**
- ☐ 1. Powers of the President
 - ☒ 2. Salary and privileges of the President
 - ☐ 3. Election of the President
 - ☐ 4. Impeachment of the President



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	SINCO LEARNING CENTER
Test Date	21/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 How can we change the margins of a document in MS Word?

Ans ☒ 1. Design tab -> Margins

☒ 2. Insert tab -> Margins

☒ 3. Layout tab -> Margins

☒ 4. Review tab -> Margins

Q.2 Each of the digits in the number 31879452 is arranged in the ascending order from left to right. Which of the following digits will be third from the left in the new number thus formed?

Ans ☒ 1. 2

☒ 2. 4

☒ 3. 7

☒ 4. 3

Q.3 Who won the women's singles title at the Indian Open 2025 Professional Squash Association (PSA) Copper event?

Ans ☒ 1. Joshna Chinappa

☒ 2. Dipika Pallikal

☒ 3. Anahat Singh

☒ 4. Rachael Grinham

Q.4 In $\triangle ABC$, $DE \parallel AC$, where D and E are the points on sides AB and AC respectively. If $BD = 17$ cm and $AD = 14$ cm, then what is the ratio of the area of $\triangle BDE$ to the area of $\triangle ABC$?

Ans ☒ 1. 289 : 672

☒ 2. 475 : 326

☒ 3. 523 : 367

☒ 4. 672 : 289

Q.5 The curved surface area of a right circular cone is 2684π cm², and the diameter of its base is 44 cm. Find the height (in cm) of the cone.

Ans ☒ 1. 120

☒ 2. 123

☒ 3. 121

☒ 4. 124

Q.6 A pouch contains 50 Paisa, 25 Paisa and 10 Paisa coins in the ratio 18 : 12 : 10, amounting to ₹130. Find the number of 10 Paisa coins.

- Ans**
- ☒ 1. 100
 - ☐ 2. 180
 - ☐ 3. 184
 - ☐ 4. 149

Q.7 In a certain code language, 'BACK' is coded as '5314' and 'CARB' is coded as '1524'. What is the code for 'R' in the given code language?

- Ans**
- ☒ 1. 2
 - ☐ 2. 4
 - ☐ 3. 5
 - ☐ 4. 1

Q.8 Which of the following rivers originates in the Western Ghats?

- Ans**
- ☐ 1. Brahmaputra
 - ☐ 2. Ganga
 - ☒ 3. Krishna
 - ☐ 4. Yamuna

Q.9 The Mauryan period saw the development of which script for inscriptions?

- Ans**
- ☐ 1. Grantha
 - ☐ 2. Kharosthi
 - ☒ 3. Brahmi
 - ☐ 4. Pali

Q.10 A, B, L, M, S, T and Z are sitting around a circular table facing the centre. Only four people sit between M and T when counted from the right of M. M sits third to the left of L. S sits third to the left of Z. B is an immediate neighbour of both T and L. How many people sit between A and B when counted from the right of A?

- Ans**
- ☐ 1. 1
 - ☒ 2. 2
 - ☐ 3. 3
 - ☐ 4. 4

Q.11 In covering a distance of 162 km, Abhay takes 6 hours more than Sameer. If Abhay doubles his speed, then he would take 3 hours less than Sameer. Abhay's initial speed is:

- Ans**
- ☐ 1. 18 km/hr
 - ☐ 2. 8 km/hr
 - ☐ 3. 4 km/hr
 - ☒ 4. 9 km/hr

Q.12 When was the designation of the Governor General in India promoted as a Viceroy or Crown's representative?

- Ans**
- ☐ 1. Year 1935
 - ☐ 2. Year 1833
 - ☒ 3. Year 1858
 - ☐ 4. Year 1919

Q.13 Which summit is scheduled to be held at the Jio World Convention Centre, Mumbai, in May 2025?

- Ans**
- ✓ 1. World Audio Visual & Entertainment Summit
 - ✗ 2. World Tech India Summit
 - ✗ 3. World Global Business Forum
 - ✗ 4. World Media India Expo

Q.14 This question is based on the five, three-digit numbers given below.
(Left) 917 782 549 557 539 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is added to the second digit of the lowest number?

- Ans**
- ✗ 1. 13
 - ✗ 2. 11
 - ✗ 3. 15
 - ✓ 4. 12

Q.15 What is the estimated monthly per capita household consumption expenditure in rural India, as reported by Household Consumption Expenditure Survey: 2023-24?

- Ans**
- ✗ 1. ₹6,996
 - ✗ 2. ₹3,125
 - ✓ 3. ₹4,122
 - ✗ 4. ₹5,000

Q.16 An astronomical observation site, Jantar Mantar, which is also a UNESCO World Heritage Site, is located in which State?

- Ans**
- ✓ 1. Rajasthan
 - ✗ 2. Bihar
 - ✗ 3. Gujarat
 - ✗ 4. Madhya Pradesh

Q.17 Three water pipes m, n and p, take 5, 6 and 12 hours, respectively, to then the required time to fill the water tank will be:

- Ans**
- ◀ ▶
- ✗ 1. $2\frac{1}{9}$ hours
 - ✗ 2. $2\frac{2}{7}$ hours
 - ✗ 3. $1\frac{1}{9}$ hours
 - ✓ 4. $2\frac{2}{9}$ hours

Q.18 The average of fifty numbers is 34. If two numbers, namely 34 and 2, is:

- Ans
- ☒ 1. 34.25
 - ☐ 2. 31.25
 - ☐ 3. 32.25
 - ☐ 4. 35.25

Q.19 Which of the following methods is the quickest way to open an existing MS PowerPoint presentation?

- Ans
- ☒ 1. Double-click the .pptx file in File Explorer
 - ☐ 2. Use the Alt + F4 shortcut
 - ☐ 3. Open MS PowerPoint and click Blank Presentation
 - ☐ 4. Press Ctrl + O

Q.20 Find the value of $\frac{(3 + 3\tan^2 A)\cot A}{(1 + \cot^2 A)\sec A}$.

- Ans
- ☐ 1. $\tan A$
 - ☒ 2. $3\sin A$
 - ☐ 3. $3\tan A$
 - ☐ 4. $\sin A$

Q.21 Which of the following countries is closest to the Nicobar Islands?

- Ans
- ☐ 1. Malaysia
 - ☐ 2. China
 - ☒ 3. Myanmar
 - ☐ 4. Sri Lanka

Q.22 What is the median of the following data?

75, 69, 45, 17, 22, 57, 79, 28, 18, 91, 32

- Ans
- ☐ 1. 46
 - ☒ 2. 45
 - ☐ 3. 45.5
 - ☐ 4. 44.5

Q.23 'Purvanga' and 'Uttaranga' are two sections of which of the components of Carnatic Music?

- Ans
- ☐ 1. Anu Pallavi
 - ☒ 2. Varnam
 - ☐ 3. Charanam
 - ☐ 4. Ragamalika

Q.24 Which of the following operating systems provides the highest level of user control over system resources and is most commonly used for professional software development on desktops and laptops?

- Ans
- ☐ 1. chromeOS
 - ☐ 2. macOS
 - ☒ 3. Linux (Ubuntu or Fedora)
 - ☐ 4. Windows 11

Q.25 ABCD is a quadrilateral in which $AB \parallel DC$, and E and F are the mid p
If $AB = 30$ cm, $BC = 20$ cm, $DC = 86$ cm and $AD = 84$ cm, ther

- Ans ☒ 1. 28
☒ 2. 31
☒ 3. 24
☒ 4. 23

Q.26 When did Expo 2025 Osaka officially open?

- Ans ☒ 1. 13 April 2025
☒ 2. 1 March 2025
☒ 3. 15 May 2025
☒ 4. 10 June 2025

Q.27 MJGT is related to QNKX in a certain way based on the English alphabetical order. In the same way, CZWJ is related to GDAN. To which of the following options is OLIV related, following the same logic?

- Ans ☒ 1. SPMZ
☒ 2. SPZM
☒ 3. SMPZ
☒ 4. SMZP

Q.28 Taran ranked 28th from the top and 64th from the bottom in his class. How many students are there in his class?

- Ans ☒ 1. 93
☒ 2. 91
☒ 3. 90
☒ 4. 92

Q.29 In March 2025, Prime Minister Narendra Modi inaugurated 'Vantara' in Jamnagar, Gujarat. What is the primary purpose of this facility?

- Ans ☒ 1. To function as a commercial zoo for tourism
☒ 2. To act as an advanced animal rescue, conservation and rehabilitation centre
☒ 3. To serve as a luxury wildlife safari resort
☒ 4. To operate as a research institute for agricultural development

Q.30 This question is based on the five, three-digit numbers given below.
(Left) 411 559 916 247 769 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the lowest number is subtracted from the first digit of the highest number?

- Ans ☒ 1. 11
☒ 2. 9
☒ 3. 7
☒ 4. 5

Q.31 What was the size of the special economic and comprehensive package launched by the Central Government to fight COVID-19 pandemic in India?

- Ans**
- ☐ 1. ₹200 lakh crore
 - ☐ 2. ₹2 lakh crore
 - ☒ 3. ₹20 lakh crore
 - ☐ 4. ₹120 lakh crore

Q.32 A sells a printer to B at a loss of 60% and B sells the printer to C at a profit of 25%. If C purchased the printer for ₹89,569 then what was the cost (in ₹) of the printer for A?

- Ans**
- ☐ 1. 1,79,141
 - ☐ 2. 1,79,140
 - ☐ 3. 1,79,134
 - ☒ 4. 1,79,138

Q.33 Where was the Leadership Summit 2024, a two-day corporate-academia event centered around the theme 'Grooming Young Talents' held?

- Ans**
- ☐ 1. Indian Institute of Technology Kanpur
 - ☒ 2. Indian Institute of Technology Guwahati
 - ☐ 3. Indian Institute of Technology Roorkee
 - ☐ 4. Indian Institute of Technology Mumbai

Q.34 Each of P, Q, R, S, T, U and V has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week. T has an exam on Thursday. U has an exam immediately before T and P has an exam immediately after T. Only 3 people have exams between Q and V. R has an exam immediately after V. How many people have exams before Q?

- Ans**
- ☐ 1. 3
 - ☐ 2. 4
 - ☐ 3. 2
 - ☒ 4. 1

Q.35 SUZD is related to ZBGK in a certain way based on the English alphabetical order. In the same way, UWBF is related to BDIM. To which of the following options is PRWA related, following the same logic?

- Ans**
- ☐ 1. WDUH
 - ☐ 2. WYHD
 - ☒ 3. WYDH
 - ☐ 4. WDHY

Q.36 If $5x + 4y = 12$ and $xy = 2$, then find the value of $125x^3 + 64y^3$.

- Ans**
- ☒ 1. 288
 - ☐ 2. 286
 - ☐ 3. 258
 - ☐ 4. 268

Q.37 If $a + b = 41$, and $a - b = 38$, find the value of $(a + b)^2$.

- Ans**
- ☐ 1. 1763
 - ☐ 2. 1733
 - ☒ 3. 1681
 - ☐ 4. 1759

Q.38 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 4123957, what will be the difference between the greatest and smallest digits in the new number thus formed?

- Ans**
- ☐ 1. 6
 - ☒ 2. 8
 - ☐ 3. 4
 - ☐ 4. 2

Q.39 Which of the following Indian states shares an international boundary with three countries?

- Ans**
- ☒ 1. West Bengal
 - ☐ 2. Himachal Pradesh
 - ☐ 3. Bihar
 - ☐ 4. Uttarakhand

Q.40 Where is the audit report of an apex co-operative society required to be presented?

- Ans**
- ☒ 1. State Legislature
 - ☐ 2. District Office
 - ☐ 3. High Court
 - ☐ 4. State Secretariat

Q.41 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
JCH34 KDI43 LEJ52 MFK61 ?

- Ans**
- ☐ 1. NGK70
 - ☒ 2. NGL70
 - ☐ 3. NGL71
 - ☐ 4. NGK71

Q.42 If 48, 96, 20, and y are in proportion, then the value of y is:

- Ans**
- ☐ 1. 34
 - ☐ 2. 38
 - ☐ 3. 37
 - ☒ 4. 40

Q.43 The present cost of a hospital is ₹1,82,590. After a year, its cost increased to ₹1,95,382. The percentage increase (rounded off to the nearest integer) in the cost of the hospital is:

- Ans**
- ☐ 1. 5%
 - ☐ 2. 3%
 - ☐ 3. 16%
 - ☒ 4. 7%

Q.44 In a certain code language, 'CARD' is coded as '4681' and 'DOGS' is coded as '3219'. What is the code for 'D' in the given code language?

- Ans**
- ☒ 1. 1
 - ☐ 2. 3
 - ☐ 3. 4
 - ☐ 4. 2

Q.45 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All terraces are lawns.
All lawns are grounds.
No ground is a field.

Conclusions:

(I) No terrace is a field.
(II) Some grounds are terraces.

- Ans**
- ☒ 1. Neither conclusion (I) nor (II) follows.
 - ☒ 2. Only conclusion (II) follows.
 - ☒ 3. Both conclusions (I) and (II) follow.
 - ☒ 4. Only conclusion (I) follows.

Q.46 Seven friends, A, B, C, D, E, F and O, are sitting in a row facing north. Only two people sit to the left of F. Only three people sit between F and A. Only one person sits between A and O. D sits to the immediate left of C. E is not an immediate neighbour of A. How many people sit to the right of B?

- Ans**
- ☒ 1. One
 - ☒ 2. Two
 - ☒ 3. Four
 - ☒ 4. Three

Q.47 Which of the following pairs of reform organisations and their founders is correctly matched?

- Ans**
- ☒ 1. Brahmo Samaj – Dayanand Saraswati
 - ☒ 2. Arya Samaj – Raja Ram Mohan Roy
 - ☒ 3. Bahujan Samaj – BR Ambedkar
 - ☒ 4. Satya Shodhak Samaj – Jyotiba Phule

Q.48 A dealer purchased an oven for ₹605. After allowing a discount of 45% on its marked price, he still gains 37%. Find the marked price of the oven.

- Ans**
- ☒ 1. ₹1,537
 - ☒ 2. ₹1,421
 - ☒ 3. ₹1,502
 - ☒ 4. ₹1,507

Q.49 Seven boxes, A, B, C, D, E, F and Y, are kept one over the other but not necessarily in the same order. Only D is kept above F. Only three boxes are kept between D and A. Only B is kept below E. Y is not kept immediately above A. How many boxes are kept between C and B?

- Ans**
- ☒ 1. Three
 - ☒ 2. One
 - ☒ 3. Four
 - ☒ 4. Two

Q.50 Evaluate: 86×104

- Ans
- ☐ 1. 9044
 - ☐ 2. 8934
 - ☐ 3. 8954
 - ☒ 4. 8944

Q.51 As per the NITI Aayog Report titled 'FAST TRACKING FREIGHT IN INDIA' of 2021, what was the share of road transport in the freight traffic?

- Ans
- ☐ 1. 40%
 - ☐ 2. 50%
 - ☒ 3. 71%
 - ☐ 4. 62%

Q.52 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: XFL :: KSY : %

- Ans
- ☐ 1. # = SAG, % = PID
 - ☐ 2. # = SAG, % = PXO
 - ☐ 3. # = TAG, % = PXD
 - ☒ 4. # = SAG, % = PXD

Q.53 Mr. O starts from Point U and drives 1 km towards the west. He then takes a left turn, drives 2 km, turns right and drives 3 km. He then takes a left turn and drives 4 km. He then takes a left turn, drives 4 km. He takes a final left turn, drives 4 km and stops at Point V. How far (shortest distance) and towards which direction should he drive in order to reach Point U again? (All turns are 90-degree turns only unless specified.)

- Ans
- ☐ 1. 4 km towards the east
 - ☐ 2. 2 km towards the west
 - ☐ 3. 4 km towards the south
 - ☒ 4. 2 km towards the north

Q.54 The Thar Desert is classified as which of the following?

- Ans
- ☐ 1. Polar Desert
 - ☐ 2. Tundra Desert
 - ☐ 3. Mediterranean Desert
 - ☒ 4. Subtropical Desert

Q.55 What does the horizontal row in the periodic table represent?

- Ans
- ☐ 1. Groups
 - ☐ 2. Columns
 - ☒ 3. Periods
 - ☐ 4. Blocks

Q.56 If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation?

$89 \text{ D } 7 \text{ B } 5 \text{ C } (78 \text{ A } 6) \text{ C } 22 = ?$

- Ans
- ☐ 1. 74
 - ☐ 2. 97
 - ☒ 3. 89
 - ☐ 4. 105

Q.57 A train P going at the speed of 30 km/hr completely passes train Q of length 296 m, going in the same direction on parallel tracks, at 21 km/hr, in 6.5 minutes. How much time (in seconds) will P take to cross completely train R of length 196 m, going at 96 km/hr in the opposite direction?

- Ans**
- ☐ 1. 22
 - ☐ 2. 21
 - ☒ 3. 25
 - ☐ 4. 42

Q.58 Which type of muscle fibres are primarily found in the gastrointestinal tract, and what is a key characteristic of their contraction?

- Ans**
- ☐ 1. Cardiac muscle fibres; rhythmic and involuntary contraction
 - ☐ 2. Striated muscle fibres; intermittent and forceful contraction
 - ☒ 3. Smooth muscle fibres; slow and sustained involuntary contraction
 - ☐ 4. Skeletal muscle fibres; rapid and voluntary contraction

Q.59 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. LP - OS
 - ☐ 2. EI - HL
 - ☐ 3. GK - JN
 - ☒ 4. ML - KJ

Q.60 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: PZL :: AKW : %

- Ans**
- ☒ 1. # = HRD, % = ISE
 - ☐ 2. # = HRD, % = ISO
 - ☐ 3. # = HRD, % = LSE
 - ☐ 4. # = URD, % = ISE

Q.61 Which of the following was the theme of National Science Day 2025, celebrated on the 28th of February?

- Ans**
- ☐ 1. Fostering Scientific Excellence through Youth-Driven Research and Innovation in India
 - ☐ 2. Advancing Scientific Vision through Innovation and Collaborative Growth in Bharat
 - ☐ 3. Building a Developed Nation through Scientific Thinking and Modern Technology
 - ☒ 4. Empowering Indian Youth for Global Leadership in Science and Innovation for Viksit Bharat

Q.62 What was the main change introduced by the 2015 Amendment to the Citizenship Act?

- Ans**
- ☐ 1. Created a new visa category for tourists
 - ☐ 2. Introduced Dual Citizenship
 - ☐ 3. Abolished Overseas Citizenship
 - ☒ 4. Merged PIO and OCI card schemes

Q.63 The term 'judicial service' under Articles 233-237 refers to:

- Ans**
- ☒ 1. District judges and civil judicial posts below them
 - ☐ 2. Only district judges
 - ☐ 3. Only sessions judges and additional sessions judges
 - ☐ 4. All magistrates, including executive magistrates

Q.64 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
 GUR QEB AOL KYV ?

- Ans**
- ☒ 1. FIU
 - ☒ 2. FUI
 - ☒ 3. UIF
 - ☒ 4. UFI

Q.65 The percentage profit earned by selling a table lamp for ₹214 is equal to the percentage loss incurred by selling the same table lamp for ₹146. At what price (in ₹) should the table lamp be sold to make 55% profit?

- Ans**
- ☒ 1. 282
 - ☒ 2. 278
 - ☒ 3. 279
 - ☒ 4. 276

Q.66 Mr. IJK starts from Point A and drives 23 km towards the south. He then takes a right turn, drives 3 km, turns right and drives 27 km. He then takes a right turn and drives 7 km. He takes a final right turn, drives 4 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified)

- Ans**
- ☒ 1. 2 km to the east
 - ☒ 2. 3 km to the south
 - ☒ 3. 4 km to the west
 - ☒ 4. 1 km to the north

Q.67 Who is responsible for preparing the inaugural speech of the President of India in Indian Parliament?

- Ans**
- ☒ 1. The Council of Ministers
 - ☒ 2. The Leader of the Opposition
 - ☒ 3. The President personally
 - ☒ 4. Lok Sabha Speaker

Q.68 What is the mode of the data given below? [Give your answer correct to 2 decimal places.]

Age in years	15-25	25-35	35-45	45-55	55-65	65-75	75-85
No. of patients	14	32	39	38	10	36	22

- Ans**
- ☒ 1. 36.08
 - ☒ 2. 43.75
 - ☒ 3. 40.86
 - ☒ 4. 60.47

Q.69 The Indus Valley Civilization flourished around:

- Ans**
- ☒ 1. 1000-500 BCE
 - ☒ 2. 900-200 BCE
 - ☒ 3. 2500-1800 BCE
 - ☒ 4. 5000-4000 BCE

Q.70 In November 2024, who was named Indian Film Personality of the Year at the International Film Festival of India (IFFI)?

- Ans**
- ☒ 1. Vikrant Massey
 - ☒ 2. Ayushmann Khurrana
 - ☒ 3. Manoj Bajpayee
 - ☒ 4. Nawazuddin Siddiqui

Q.71 18 chairs and 4 tables cost ₹7,100 and 18 chairs and 7 tables cost ₹7,700. What is the cost of 18 chairs and 5 tables?

- Ans** ☒ 1. ₹7,300
☐ 2. ₹7,296
☐ 3. ₹7,295
☐ 4. ₹7,298

Q.72 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/Symbols	4	#	\$	7	9	2	6	@	3	&	5
Code	B	W	Q	C	A	T	J	N	P	D	G

Conditions:

- (i) If the first element is a number and the last element is a symbol, then the codes for the first and last elements are to be interchanged.
- (ii) If the first element is divisible by 2 and the last element is divisible by 3, then the first and last elements are to be coded as *
- (iii) If the first element is a symbol and the last element is an even number, then their codes (i.e. first and last element) are to be changed to the code for 3.

Identify the code for the following.

56#4+

- Ans** ☐ 1. GJWBE
☐ 2. GJWBG
☐ 3. EJGBE
☒ 4. EJWBG

Q.73 Which country is developing the 'Gelephu Mindfulness City' to promote economic growth, wellness, and sustainability?

- Ans** ☐ 1. Sri Lanka
☐ 2. Cambodia
☐ 3. Nepal
☒ 4. Bhutan

Q.74 Which of the following numbers is divisible by 7?

- Ans** ☐ 1. 1454
☒ 2. 2436
☐ 3. 3366
☐ 4. 3344

Q.75 Consider the statements with respect to the National Technical Textiles Mission in India.

1. The Union Government has launched a mission named National Technical Textiles Mission (NTTM) in 2025.
2. Technical textiles are fabrics made for specific functions and performance, rather than for looks.
3. They are used in products that help protect people, improve machinery and solve practical problems, such as in car parts, building materials, medical equipment and safety gear.

Which of the given statements is/are correct?

- Ans**
- ☐ 1. Only 2
 - ☐ 2. 1, 2 and 3
 - ☒ 3. Only 2 and 3
 - ☐ 4. Only 1 and 2

Q.76 Which positive number should replace both question marks in the following

$$\frac{?}{11} = \frac{275}{?}$$

- Ans**
- ☐ 1. 54
 - ☒ 2. 55
 - ☐ 3. 49
 - ☐ 4. 46

Q.77 The Ghadar Party, established in 1913 in San Francisco, aimed to overthrow the British rule in India through revolutionary means. Who was the key founder and ideological leader of the Ghadar Party?

- Ans**
- ☐ 1. Sachindra Nath Sanyal
 - ☐ 2. VD Savarkar
 - ☐ 3. Lala Lajpat Rai
 - ☒ 4. Lala Har Dayal

Q.78 At what rate (in percentage) per annum will ₹1,300 give ₹650 as simple interest in 10 years?

- Ans**
- ☐ 1. 8%
 - ☐ 2. 4%
 - ☐ 3. 7%
 - ☒ 4. 5%

Q.79 The curved surface area of a cone is 2970 cm^2 , and its diameter is 70 cm. What is its total surface area (in cm^2)?

Use $\pi = \frac{22}{7}$

- Ans**
- ☐ 1. 6813
 - ☐ 2. 6827
 - ☐ 3. 6825
 - ☒ 4. 6820

Q.80 The average of 10 observations is 40. It was realised later that an observation was misread as 31 in place of 50. Find the correct average.

- Ans**
- ☐ 1. 44.9
 - ☒ 2. 41.9
 - ☐ 3. 40.9
 - ☐ 4. 42.9

Q.81 Govind invested some money in a bank at 4% per annum rate of interest. What would be the corresponding simple interest (in ₹) if after 2 years, Govind got ₹280.5 as compound interest, considering annual compounding?

- Ans**
- ☐ 1. 270
 - ☐ 2. 285
 - ☒ 3. 275
 - ☐ 4. 290

Q.82 Amit's salary is ₹13,000 per month. He spends ₹4,000 on house rent, ₹2,000 on bills, and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday he spent his complete monthly savings for a birthday celebration.

- Ans**
- ☐ 1. 84,000
 - ☐ 2. 70,000
 - ☐ 3. 63,000
 - ☒ 4. 77,000

Q.83 Which of the following options in PowerPoint allows you to see all the slides at once as thumbnails?

- Ans**
- ☒ 1. Slide Sorter View
 - ☐ 2. Reading View
 - ☐ 3. Slide Show View
 - ☐ 4. Outline View

Q.84 In February 2025, which bank of India has announced \$10 billion three-year dollar/rupee swap auction?

- Ans**
- ☐ 1. State Bank of India
 - ☐ 2. Bank of India
 - ☒ 3. Reserve Bank of India
 - ☐ 4. Bank of Baroda

Q.85 Which of the following statements regarding the Theatre Level Operational Readiness Exercise (TROPEX-25) are correct?

TROPEX-25 is an annual exercise involving multiple Indian forces.

The exercise is being conducted in the Indian Ocean Region over a duration of three months.

The exercise includes participation from the Indian Army, Indian Air Force, and Indian Coast Guard.

The exercise focuses solely on cyber and electronic warfare operations.

- Ans**
- ☒ 1. 2 and 3 only
 - ☐ 2. 2, 3 and 4 only
 - ☐ 3. 1, 3 and 4 only
 - ☐ 4. 1 and 2 only

Q.86 What should come in place of the question mark (?) in the given series?

356, 333, 300, ?, 204, 141

- Ans**
- ☒ 1. 257
 - ☐ 2. 247
 - ☐ 3. 237
 - ☐ 4. 227

Q.87 What was the name of India's humanitarian mission to provide assistance to Myanmar after the earthquake in March 2025?

- Ans**
- ☐ 1. Operation Rahat
 - ☒ 2. Operation Brahma
 - ☐ 3. Operation Dost
 - ☐ 4. Operation Maitri

Q.88 In finding the HCF of two numbers by division method, the quotients are 1, 5, and 8, respectively, and the last divisor is 57. What is the LCM of the two numbers?

- Ans**
- ☐ 1. 114511
 - ☒ 2. 114513
 - ☐ 3. 114509
 - ☐ 4. 114517

Q.89 The concept of a mixed economy was central to India's early planning strategies. In the context of India's Five-Year Plans, what does the term 'mixed economy' refer to?

- Ans**
- ☐ 1. Mix of socialism and communism
 - ☐ 2. Coexistence of agriculture and industry
 - ☐ 3. Balanced growth of rural and urban areas
 - ☒ 4. Coexistence of public and private sectors

Q.90 Two quadratic equations, $x^2 - 5x + 6 = 0$ and $2x^2 - kx + 6 = 0$, have one common root. What is the possible value of k?

- Ans**
- ☐ 1. 11
 - ☐ 2. 5
 - ☐ 3. 9
 - ☒ 4. 7

Q.91 Which of the following statements is correct with reference to the representative elements?

- Ans**
- ☐ 1. They contain only metals.
 - ☐ 2. They only include p-block elements.
 - ☐ 3. They are also called Transuranium elements.
 - ☒ 4. They consist of both s- and p-block elements.

Q.92 If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 72384596, how many digits will appear more than once in the new number thus formed?

- Ans**
- ☐ 1. Two
 - ☐ 2. One
 - ☐ 3. Four
 - ☒ 4. Three

Q.93 In the context of computer hardware components, what is the primary function of ROM?

- Ans**
- ☐ 1. It executes programs and handles arithmetic operations.
 - ☐ 2. It stores temporary data used during system processing.
 - ☒ 3. It holds essential firmware required for booting the system.
 - ☐ 4. It physically supports all internal hardware modules.

Q.94 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. MQ – OW
 - ☐ 2. RV – TB
 - ☒ 3. GK – JQ
 - ☐ 4. EI – GO

Q.95 In a certain code language,

A + B means 'A is the son of B',
A – B means 'A is the sister of B',
A x B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

Based on the above, how is E related to K if 'E ÷ F x G + H – K'?

- Ans**
- ☒ 1. Sister's son's wife's father
 - ☐ 2. Brother's son's wife's brother
 - ☐ 3. Brother's son's wife's father
 - ☐ 4. Sister's son's wife's brother

Q.96 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 1 5 & 3 * \$ 4 @ % 2 7 # 9 ^ # > 6 8 (Right)

If all the symbols are dropped from the series, which of the following will be fourth from the right?

- Ans**
- ☐ 1. 9
 - ☐ 2. 4
 - ☐ 3. 2
 - ☒ 4. 7

Q.97 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(57, 41, 32)
(65, 49, 40)

- Ans**
- ☒ 1. (72, 56, 47)
 - ☐ 2. (89, 83, 74)
 - ☐ 3. (96, 80, 61)
 - ☐ 4. (51, 35, 16)

Q.98 A and B complete a work in 20 days. If A alone can do it in 45 days, then B alone can do one-third of the same work in _____ days.

- Ans**
- ☒ 1. 12
 - ☐ 2. 48
 - ☐ 3. 24
 - ☐ 4. 36

Q.99 Which Princely State was ruled personally by the Nizam and had the 'Sarf Khas' estate?

- Ans**
- ☐ 1. Kashmir
 - ☐ 2. Gwalior
 - ☒ 3. Hyderabad
 - ☐ 4. Mysore

Q.100 What should come in place of the question mark (?) in the given series?

982 980 988 986 994 992 ?

- Ans**
- ☐ 1. 996
 - ☐ 2. 1002
 - ☒ 3. 1000
 - ☐ 4. 998



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	iON Digital Zone iDZ Thondamuthur
Test Date	21/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 Prior to 1992, what was the status of Local Governments in India?

- Ans**
- ☒ 1. Directly controlled by the Central Government
 - ☒ 2. Statutory status under State Law
 - ☒ 3. Autonomous self-governance
 - ☒ 4. Constitutional status

Q.2 Nandan had some marbles. When he distributed the marbles equally among 32 children, he found that 4 marbles were left. Had he distributed the marbles equally among 41 children and 48 children, he still would have had 13 and 20 marbles, respectively, left with him. But when he distributed them equally among 53 children, no marble was left. The number of marbles that Nandan initially had may lie between _____.

- Ans**
- ☒ 1. 7834 and 7854
 - ☒ 2. 7814 and 7824
 - ☒ 3. 7794 and 7804
 - ☒ 4. 7864 and 7874

Q.3 What type of engine is used in the Hansa NG trainer aircraft launched in April 2025?

- Ans**
- ☒ 1. Continental IO-360 engine
 - ☒ 2. Pratt & Whitney PT6 engine
 - ☒ 3. Lycoming O-320 engine
 - ☒ 4. Rotax 912 iSc3 Sports engine

Q.4 Which site is known for its elaborate dockyard structure?

- Ans**
- ☒ 1. Harappa
 - ☒ 2. Dholavira
 - ☒ 3. Lothal
 - ☒ 4. Rakhigarhi

Q.5 JROK is related to HPMI in a certain way based on the English alphabetical order. In the same way, GOLH is related to EMJF. To which of the given options is DLIE related, following the same logic?

- Ans**
- ☒ 1. BJCG
 - ☒ 2. JBGC
 - ☒ 3. BJGC
 - ☒ 4. JBCG

Q.6 If 674 bananas were distributed among three monkeys in the ratio $\frac{17}{2}$ how many bananas did the third monkey get?

- Ans
- ☐ 1. 22
 - ☒ 2. 24
 - ☐ 3. 25
 - ☐ 4. 23

Q.7 In an isosceles triangle, the vertex angle measures 124° . What is the measure of each of the base angles?

- Ans
- ☐ 1. 24° and 40°
 - ☒ 2. 28° and 28°
 - ☐ 3. 29° and 41°
 - ☐ 4. 31° and 25°

Q.8 In January 2025, who was honoured with the Padma Shri for developing the HRMN-99 variety of apples?

- Ans
- ☐ 1. GS Randhawa
 - ☐ 2. Rajesh Rajan
 - ☐ 3. Ramesh Pokhriyal
 - ☒ 4. Hariman Sharma

Q.9 Which city hosted the 18th Pravasi Bharatiya Divas Convention in January 2025?

- Ans
- ☐ 1. Hyderabad
 - ☒ 2. Bhubaneswar
 - ☐ 3. Lucknow
 - ☐ 4. New Delhi

Q.10 How can rivers contribute to the formation of a coastal plain?

- Ans
- ☒ 1. By depositing sediments over time
 - ☐ 2. By increasing sea levels
 - ☐ 3. By creating fault lines
 - ☐ 4. By evaporating

Q.11 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 7 & 9 ^ # 1 * 5 < 2 6 ≡ 4 Δ 3 \$ @ 8 (Right)

If all the symbols are dropped from the series, which of the following will be fifth from the right?

- Ans
- ☐ 1. 1
 - ☐ 2. 5
 - ☐ 3. 6
 - ☒ 4. 2

- Q.12** A hollow spherical shell is made of a metal of density 28 g/cm^3 . Its internal and external radii are 2 cm and 5 cm, respectively. What is the approximate weight (in kg) of the shell?

(Take $\pi = \frac{22}{7}$, Density = $\frac{\text{Mass}}{\text{Volume}}$)

- Ans** ☒ 1. 10.728
☒ 2. 13.728
☒ 3. 15.49
☒ 4. 15.12

- Q.13** Let's denote Z as the number of atoms per unit cell, M as the molar mass of the substance, and N_A as Avogadro's number. Which formula is used to calculate the density (d) of a unit cell?

- Ans** ☒ 1. $d = (a^3 \times N_A) / (Z \times M)$
☒ 2. $d = (Z \times M) / (a^3 \times N_A)$
☒ 3. $d = (Z \times N_A) / (M \times a^3)$
☒ 4. $d = (M \times a^3) / (Z \times N_A)$

- Q.14** Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.
 QRH MPG INF ELE ?

- Ans** ☒ 1. AHE
☒ 2. AJD
☒ 3. BHD
☒ 4. AJE

- Q.15** A sum of money is to be distributed among A, B, C, and D in the ratio of 14 : 7 : 11 : 10. If C gets ₹196 more than B, how much did A receive?

- Ans** ☒ 1. ₹685
☒ 2. ₹688
☒ 3. ₹686
☒ 4. ₹684

- Q.16** The average weight of A, B and C is 45 kg. If the average weight of A and B is 37 kg and that of B and C is 47 kg, then the weight of B (in kg) is:

- Ans** ☒ 1. 43
☒ 2. 23
☒ 3. 48
☒ 4. 33

- Q.17** A, B, C, D, E, F, and G are sitting around a circular table facing the centre. Only one person sits between G and E when counted from the right of G. Only one person sits between E and B. Only one person sits between G and F. Only two people sit between C and B. Only one person sits between D and F. How many people sit between A and D when counted from the right of D?

- Ans** ☒ 1. One
☒ 2. Four
☒ 3. Three
☒ 4. Two

Q.18 Prime Minister Narendra Modi interacted with the beneficiaries of the 'Lakhpati Didi' scheme in Gujarat in March 2025. In this context, which of the following statements is/are correct?

The scheme aims to empower women by enabling SHG members to earn an annual household income of at least ₹1 lakh, sustained over agricultural seasons or business cycles.

It offers direct annual cash transfers of ₹1 lakh to selected SHG members to support their livelihoods.

The scheme is implemented by the Ministry of Rural Development under DAY-NRLM.

Ans ☒ 1. 2 and 3

☒ 2. 1 and 2

☒ 3. 1 and 3

☒ 4. Only 1

Q.19 Which industries commonly used Tetrachloromethane as a degreasing agent?

Ans ☒ 1. Textile industries

☒ 2. Manufacturing and mechanical industries

☒ 3. Bottling industries

☒ 4. Food processing industries

Q.20 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All induction are stove.

Some stove are oven.

Some oven are tandoor.

Conclusions:

(I) Some tandoor are induction.

(II) Some oven are induction.

Ans ☒ 1. Only conclusion (II) follows

☒ 2. Only conclusion (I) follows

☒ 3. Neither conclusion (I) nor (II) follows

☒ 4. Both conclusions (I) and (II) follow

Q.21 Seven people, A, B, L, M, N, S, and T are sitting in a row, facing north. Only two people sit to the left of S. Only three people sit between S and B. T sits second to the right of S. Only two people sit between T and M. L sits at some place to the right of A but at some place to the left of N. How many people sit to the right of L?

Ans ☒ 1. Three

☒ 2. Four

☒ 3. Two

☒ 4. One

Q.22 Kalpana and Sudha got 624 and 720 marks, respectively, in the same examination. If Kalpana scored 26% marks, then what is the percentage of marks scored by Sudha?

Ans ☒ 1. 30%

☒ 2. 33%

☒ 3. 27%

☒ 4. 29%

Q.23 What is used along with milk to distill the Pithora colours in Pithora painting?

- Ans**
- ☐ 1. Lime juice
 - ☐ 2. Tamarind paste
 - ☐ 3. Apple cider
 - ☒ 4. Mahuda

Q.24 The percentage profit earned by selling a table lamp for ₹863 is equal to the percentage loss incurred by selling the same table lamp for ₹433. At what price (in ₹) should the table lamp be sold to make 25% profit?

- Ans**
- ☐ 1. 813
 - ☒ 2. 810
 - ☐ 3. 811
 - ☐ 4. 812

Q.25 An electric pump can fill a tank in 4 hours. Due to a leakage in the tank, it takes 8 hours to empty the full tank if water does not get in or out of the tank till the pump is closed.

- Ans**
- ☐ 1. 2 hours
 - ☒ 2. 7 hours
 - ☐ 3. 17 hours
 - ☐ 4. 15 hours

Q.26 Which law permitted widow remarriage in India?

- Ans**
- ☐ 1. Equality Law Act, 1870
 - ☐ 2. Female Protection Act, 1862
 - ☒ 3. Hindu Widow Remarriage Act, 1856
 - ☐ 4. Women's Rights Act, 1859

Q.27 What is the main function of MS PowerPoint?

- Ans**
- ☐ 1. Browsing the internet
 - ☒ 2. Creating and presenting slideshows
 - ☐ 3. Editing photos
 - ☐ 4. Managing emails

Q.28 Which country's interim president met with the Iraqi Prime Minister in Qatar in April 2025?

- Ans**
- ☐ 1. Lebanon
 - ☒ 2. Syria
 - ☐ 3. Iran
 - ☐ 4. Jordan

Q.29 In which state of India is the Bhil tribal community found in large numbers?

- Ans**
- ☐ 1. Odisha
 - ☐ 2. Tamil Nadu
 - ☐ 3. Kerala
 - ☒ 4. Madhya Pradesh

Q.30 What was the theme of the 2024 G20 Summit in Brazil?

- Ans**
- ☒ 1. Building a Just World and a Sustainable Planet
 - ☐ 2. Inclusive Growth for All
 - ☐ 3. Global Recovery and Resilience
 - ☐ 4. Solidarity, Equality, Sustainability

Q.31 A pipe can fill a tank in 27 hours. Another pipe can empty the filled tank in 28 hours. If both the pipes are opened simultaneously, then the time (in hours) in which the tank will be one-fourth filled, is:

- Ans**
- ☐ 1. 567
 - ☐ 2. 378
 - ☒ 3. 189
 - ☐ 4. 756

Q.32 Which financial institution was established by the 74th Constitutional Amendment, 1992, to review the finances of Urban Local Government Bodies?

- Ans**
- ☐ 1. Urban Taxation Authority
 - ☐ 2. Municipal Treasury Board
 - ☒ 3. State Finance Commission
 - ☐ 4. Reserve Bank of India

Q.33 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. F lives on an even numbered floor but not 6. The sum of floors on which C and F live is 9. The sum of floors on which F and E live is 5. A lives immediately below B. How many people live below B?

- Ans**
- ☒ 1. 2
 - ☐ 2. 4
 - ☐ 3. 3
 - ☐ 4. 1

Q.34 FBHP is related to JFLT in a certain way based on the English alphabetical order. In the same way, VRXF is related to ZVBJ. To which of the following options is HDJR related, following the same logic?

- Ans**
- ☐ 1. LVHN
 - ☐ 2. LHVN
 - ☐ 3. LVNH
 - ☒ 4. LHNV

Q.35 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

JN28 IM40 HL52 GK64 ?

- Ans**
- ☐ 1. FI77
 - ☐ 2. FI76
 - ☒ 3. FJ76
 - ☐ 4. FJ77

Q.36 Each of the digits in the number 63458791 is arranged in the descending order from left to right. The position(s) of how many digits will remain unchanged in the new number thus formed as compared to that in the original number?

- Ans**
- ☐ 1. Three
 - ☐ 2. Two
 - ☒ 3. One
 - ☐ 4. None

Q.37 Disinvestment was adopted as a tool for privatisation in India. Which of the following options best defines disinvestment?

- Ans**
- ☐ 1. Increase in public borrowing
 - ☒ 2. Selling government stakes in public sector enterprises
 - ☐ 3. Sale of public assets to foreign governments
 - ☐ 4. Purchase of private companies by the government

Q.38 The sum of nine times the present age of A and eight times the present age of B is 29 years. Two times the present age of B exceeds two times the present age of A by 20 years. What will be the sum of the ages (in years) of A and B, 6 years from now?

- Ans**
- ☐ 1. 10
 - ☐ 2. 14
 - ☐ 3. 12
 - ☒ 4. 16

Q.39 According to the UNEP Emissions Gap Report 2024, what is the projected global temperature rise by the end of the century if current policies continue?

- Ans**
- ☒ 1. 3.1%
 - ☐ 2. 4.6%
 - ☐ 3. 4.8%
 - ☐ 4. 3.8%

Q.40 The mean of a data is 76 and its median is 100. The mode (using empirical relation) of the data is:

- Ans**
- ☐ 1. 174
 - ☒ 2. 148
 - ☐ 3. 60
 - ☐ 4. 77

Q.41 The population of a village was 1,20,000. It increased by 10% in the first year and increased by 30% in the second year. Its population after two years is ____.

- Ans**
- ☐ 1. 1,56,000
 - ☐ 2. 1,68,000
 - ☐ 3. 1,32,000
 - ☒ 4. 1,71,600

Q.42 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(NOTE: All numbers are single digit numbers only.)

(Left) 4 2 1 6 9 & © 2 \$ % 6 & \$ \$ * 5 @ £ 1 8 @ # (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans**
- ☒ 1. 5
 - ☐ 2. 4
 - ☐ 3. 7
 - ☐ 4. 6

Q.43 A dealer purchased an oven for ₹54,000. He allows a discount of 10% on its marked price and still gains 75%. Find the marked price of the oven.

- Ans**
- ☐ 1. ₹1,04,968
 - ☒ 2. ₹1,05,000
 - ☐ 3. ₹1,04,868
 - ☐ 4. ₹1,04,961

Q.44 If 'P' stands for '×', 'Q' stands for '÷', 'R' stands for '-' and 'S' stands for '+', then what will come in place of the question mark (?) in the following equation?

$$37 S (28 Q 7) P 5 R 4 P 6 S 21 = ?$$

- Ans
- ☐ 1. 76
 - ☒ 2. 54
 - ☐ 3. 69
 - ☐ 4. 43

Q.45 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week.
Only five people have exams between Q and T. U has the exam on Thursday. S has the exam immediately before V. R has the exam immediately before Q.

How many people have exams between V and P?

- Ans
- ☐ 1. Three
 - ☐ 2. Two
 - ☒ 3. One
 - ☐ 4. Four

Q.46 The Badami caves in Karnataka have been built by which of the following rulers?

- Ans
- ☐ 1. Pallavas
 - ☐ 2. Pandyas
 - ☐ 3. Mauryas
 - ☒ 4. Chalukyas

Q.47 According to the Reserve Bank of India, as of October 2024, India became the fourth country whose foreign exchange (forex) reserves swelled to \$_____ billion.

- Ans
- ☒ 1. 701
 - ☐ 2. 1,000
 - ☐ 3. 101
 - ☐ 4. 901

Q.48 If $\frac{x+1}{x} = 11$ then $\frac{x^2+1}{x^2}$ is:

- Ans
- ☒ 1. 119
 - ☐ 2. 114
 - ☐ 3. 112
 - ☐ 4. 129

Q.49 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

12 - 13 - 15 - 30; 14 - 15 - 17 - 34

- Ans**
- ☒ 1. 9 - 10 - 12 - 24
 - ☐ 2. 3 - 4 - 5 - 10
 - ☐ 3. 1 - 2 - 4 - 16
 - ☐ 4. 4 - 5 - 7 - 10

Q.50 If 1 is added to each even digit and each odd digit in the number 57831426, what will be the sum of the first two and the last two digits from the left in the new number thus formed?

- Ans**
- ☐ 1. 26
 - ☐ 2. 22
 - ☒ 3. 24
 - ☐ 4. 20

Q.51 If α and β are the roots of the equation $x^2 - x - 6 = 0$, find the value of $\alpha^4 + \beta^4$.

- Ans**
- ☐ 1. 100
 - ☒ 2. 97
 - ☐ 3. 90
 - ☐ 4. 95

Q.52 Which of the following best explains the functional diversity of RNA molecules in cells?

- Ans**
- ☐ 1. Their permanent role as genetic material
 - ☐ 2. Their ability to form double-stranded helical structures
 - ☒ 3. Their capability to act as adapter, structural and catalytic molecules
 - ☐ 4. Their linear sequence of deoxyribonucleotides

Q.53 Which of the following statements is **INCORRECT** about the Fundamental Rights of the Indian Constitution?

- Ans**
- ☐ 1. These may be enforced by the courts.
 - ☒ 2. These are absolute.
 - ☐ 3. Cultural and educational rights are fundamental rights.
 - ☐ 4. These are subject to reasonable restriction.

Q.54 Which of the given letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: QVS :: GLI : %

- Ans**
- ☒ 1. # = LQN, % = LQN
 - ☐ 2. # = KOJ, % = HGT
 - ☐ 3. # = PMN, % = PJY
 - ☐ 4. # = LPQ, % = LKP

Q.55 In a certain code language,

'A + B' means 'A is the father of B'
'A - B' means 'A is the daughter of B'
'A x B' means 'A is the son of B'
'A ÷ B' means 'A is the wife of B'

Based on the above, how is P related to T if 'P + Q x R - S ÷ T'?

- Ans
- ☐ 1. Daughter's son
 - ☒ 2. Daughter's husband
 - ☐ 3. Wife's brother's son
 - ☐ 4. Son's wife's brother

Q.56 Dhordo, the venue of Rann Utsav (from December, 2024 to February, 2025), is located in which Indian state and near what geographical feature?

- Ans
- ☐ 1. Rajasthan – Thar Desert
 - ☐ 2. Maharashtra – Western Ghats
 - ☐ 3. Punjab – Sutlej Basin
 - ☒ 4. Gujarat – Rann of Kutch

Q.57 In a certain code language, 'KITE' is coded as '3641' and 'LACK' is coded as '1295'. What is the code for 'K' in the given code language?

- Ans
- ☐ 1. 4
 - ☐ 2. 5
 - ☒ 3. 1
 - ☐ 4. 2

Q.58 What happens when you press 'Enter' while working with a bullet or numbered list in MS Word 365?

- Ans
- ☐ 1. It deletes the previous bullet or number.
 - ☒ 2. It creates a new list item with the same bullet or number.
 - ☐ 3. It restarts numbering automatically.
 - ☐ 4. It converts the list into plain text.

Q.59 Who among the following was appointed as Ombudsman and Ethics Officer of the Board of Control for Cricket in India in January 2025?

- Ans
- ☐ 1. Justice Ashish Naithani
 - ☒ 2. Justice Arun Mishra
 - ☐ 3. Justice Joymalya Bagchi
 - ☐ 4. Justice Harish Tandon

Q.60 A car travels 60 km in the first hour, 80 km in the second hour, and 100 km in the third hour. What is the average speed of the car over the 3 hours?

- Ans
- ☐ 1. 85 km/hr
 - ☒ 2. 80 km/hr
 - ☐ 3. 90 km/hr
 - ☐ 4. 75 km/hr

Q.61 If a sum of ₹8,20,000 is invested for a year at 6% per annum compounded half yearly, then find the compound interest.

- Ans
- ☒ 1. ₹49,938
 - ☐ 2. ₹49,685
 - ☐ 3. ₹50,028
 - ☐ 4. ₹48,444

Q.62 What should come in place of the question mark (?) in the given series?

1112 1120 1130 1142 1156 ?

- Ans**
- ☐ 1. 1168
 - ☐ 2. 1174
 - ☒ 3. 1172
 - ☐ 4. 1170

Q.63 What is a key difference between the Indian Prime Minister and the American President regarding their accountability to the legislature?

- Ans**
- ☐ 1. The American President must seek a vote of confidence from Congress, unlike the Indian Prime Minister.
 - ☐ 2. The American President is collectively responsible to Congress, while the Indian Prime Minister is not.
 - ☒ 3. The American President and his cabinet are not members of Congress, whereas the Indian Prime Minister and his ministers must be part of Parliament.
 - ☐ 4. The American President can be dismissed by a simple majority in Congress, while the Indian Prime Minister can be removed by a no-confidence motion.

Q.64 Simplify the following:

$$2\frac{2}{9} \times 2\frac{2}{3} \times 567 + 8\frac{3}{4}$$

- Ans**
- ☒ 1. 3368.75
 - ☐ 2. 3364.35
 - ☐ 3. 3372.15
 - ☐ 4. 3347.25

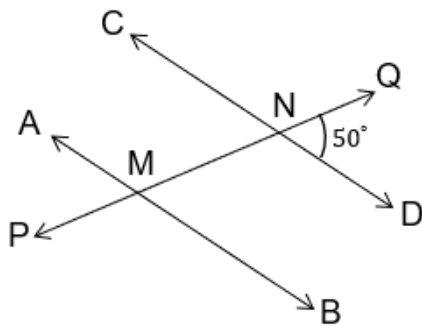
Q.65 TLOS is related to NFIM in a certain way based on the English alphabetical order. In the same way, VNQU is related to PHKO. To which of the given options is XPSW related, following the same logic?

- Ans**
- ☐ 1. JRMQ
 - ☐ 2. JRQM
 - ☒ 3. RJMQ
 - ☐ 4. RJQM

Q.66 Mr. Helux starts from Point A and drives 18 km towards the West. He then takes a left turn, drives 6 km, turns right and drives 21 km. He then takes a right turn and drives 18 km. He takes a final right turn, drives 39 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified.)

- Ans**
- ☐ 1. 19 km to the North
 - ☒ 2. 12 km to the South
 - ☐ 3. 16 km to the East
 - ☐ 4. 10 km to the West

Q.67 In the given figure, AB and CD are two parallel lines and PQ is a trans



- Ans
- ☒ 1. 50°
 - ☒ 2. 100°
 - ☒ 3. 130°
 - ☒ 4. 120°

Q.68 Which of the following is a mineral-based industry that uses ore or other minerals as raw materials?

- Ans
- ☒ 1. Textile
 - ☒ 2. Sugar
 - ☒ 3. Rubber
 - ☒ 4. Iron and steel

Q.69 Which of the following statements is/are correct regarding the recent Supreme Court developments on bail under the PMLA (Prevention of Money Laundering Act, 2002) in 2024-25?

The Supreme Court has clarified that prolonged incarceration without trial can be a valid ground for granting bail under PMLA-2002, despite the twin conditions under Section 45.

In Arvind Kejriwal's case, the Court ruled that the legality of arrest must also consider the "need and necessity" of arrest, in addition to the standard "reasons to believe" clause.

The Court has held that "bail is the exception, jail the rule", which remains applicable in money laundering cases.

- Ans
- ☒ 1. Statement 1 only
 - ☒ 2. Statements 1 and 2 only
 - ☒ 3. Statements 2 and 3 only
 - ☒ 4. Statements 1, 2 and 3

Q.70 Hunger strike as a weapon was used for the first time by Mahatma Gandhi during which struggle?

- Ans
- ☒ 1. Champaran Satyagraha
 - ☒ 2. Ahmedabad Mill Workers' Struggle
 - ☒ 3. Non-Cooperation Movement
 - ☒ 4. Kheda Satyagraha

Q.71 The Himalayan High Altitude Atmospheric and Climate Research Centre was inaugurated on 8th April 2025 in which district?

- Ans
- ☒ 1. Anantnag
 - ☒ 2. Udhampur
 - ☒ 3. Pulwama
 - ☒ 4. Srinagar

Q.72 Refer to the number and symbol series given below and answer the question that follows. Counting to be done from left to right only.
 (NOTE: All numbers are single digit numbers only.)

(Left) 9 # 2 6 7 © 6 8 & © \$ & 3 9 1 7 \$ 5 # @ * 4 (Right)

How many such numbers are there, each of which is immediately preceded by a symbol and also immediately followed by a symbol?

- Ans
- ☐ 1. 2
 - ☐ 2. 3
 - ☐ 3. 0
 - ☒ 4. 1

Q.73 Labour reforms have remained a key agenda in the post-1991 economic policy landscape. How many labour codes were consolidated by the Indian government under the labour reforms enacted in 2019-2020?

- Ans
- ☒ 1. Four
 - ☐ 2. Three
 - ☐ 3. Two
 - ☐ 4. Five

Q.74 Find the value of $7\sec A(1 + \sin A)(\sec A - \tan A) - 4$.

- Ans
- ☒ 1. 3
 - ☐ 2. 10
 - ☐ 3. 7
 - ☐ 4. 4

Q.75 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	7	%	2	5	*	\$	3	^	#	4	+	6	9	8
Code	U	G	L	F	B	M	C	H	N	D	J	P	E	K

Conditions:

- I) If the first element is a symbol and the last a number, then the codes for these two (the first and the last elements) are to be interchanged.
- II) If the first element is an odd number and the last element is an even number, then the first and last elements are to be coded as @.
- III) If both the second and third elements are perfect square roots, the third element is to be coded as the code for the second element.

What will be the code for 536+8?

- Ans
- ☐ 1. FCPJK
 - ☒ 2. @CPJ@
 - ☐ 3. KCPJF
 - ☐ 4. @PCJ@

Q.76 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$4320 - 96 \times 37 + 21 \div 372 = ?$$

- Ans**
- ☐ 1. 733
 - ☐ 2. 822
 - ☒ 3. 450
 - ☐ 4. 1350

Q.77 Which keyboard shortcut is typically used to paste copied content?

- Ans**
- ☐ 1. Ctrl + S
 - ☐ 2. Ctrl + C
 - ☐ 3. Ctrl + F
 - ☒ 4. Ctrl + V

Q.78 In MS PowerPoint, which of the following keyboard combinations is used to create a new blank presentation?

- Ans**
- ☐ 1. Ctrl + O
 - ☐ 2. Ctrl + E
 - ☒ 3. Ctrl + N
 - ☐ 4. Ctrl + B

Q.79 During the Gupta Empire, the terms 'Chata' and 'Bhata' were used for _____.

- Ans**
- ☐ 1. priestly warriors
 - ☐ 2. military spies
 - ☐ 3. elephant riders
 - ☒ 4. regular and irregular troops

Q.80 Mr C starts from Point A and drives 5 km towards the West. He then takes a right turn, drives 11 km, turns right and drives 3 km. He then takes a left turn and drives 4 km. He then takes a right turn, drives 3 km. He then takes a final right turn drives 15 km and stops at Point B. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified)

- Ans**
- ☐ 1. 3 km towards the South
 - ☐ 2. 1 km towards the East
 - ☒ 3. 1 km towards the West
 - ☐ 4. 1 km towards the North

Q.81 Which of the following MS PowerPoint features allows you to record the timing for each slide and any narration or laser pointer movements to be replayed automatically during a slideshow?

- Ans**
- ☒ 1. Record Slide Show
 - ☐ 2. Presenter View
 - ☐ 3. Set Up Slide Show
 - ☐ 4. Rehearse Timings

Q.82 At what rate (in percentage) per annum will ₹1,250 give ₹500 as simple interest in 10 years?

- Ans**
- ☒ 1. 4%
 - ☐ 2. 6%
 - ☐ 3. 7%
 - ☐ 4. 3%

Q.83 The Coromandel Coast is located along which part of India?

- Ans**
- ☒ 1. Southern East coast
 - ☐ 2. Southern West coast
 - ☐ 3. Northern East coast
 - ☐ 4. Northern West coast

Q.84 Seven boxes, A, B, C, D, E, F and G, are kept one over the other, but not necessarily in the same order. E is kept immediately above G. C is kept immediately above D. Only B is kept above F. Only two boxes are kept above E. C is not kept at the third position from the bottom. How many boxes are kept above C?

- Ans**
- ☒ 1. 5
 - ☐ 2. 2
 - ☐ 3. 3
 - ☐ 4. 4

Q.85 In covering a distance of 90 km, Anirudh takes 3 hours more than Burhan. If Anirudh doubles his speed, then he would take 2 hours less than Burhan. Anirudh's initial speed is:

- Ans**
- ☐ 1. 18 km/hr
 - ☐ 2. 2 km/hr
 - ☒ 3. 9 km/hr
 - ☐ 4. 6 km/hr

Q.86 What should come in place of the question mark (?) in the given series?

6 13 25 42 64 ?

- Ans**
- ☐ 1. 96
 - ☐ 2. 86
 - ☒ 3. 91
 - ☐ 4. 81

Q.87 Birjis Qadr, the son of the deposed Nawab Wajid Ali Shah, was proclaimed the new Nawab of a princely state in which place?

- Ans**
- ☐ 1. Madras
 - ☐ 2. Delhi
 - ☐ 3. Mysore
 - ☒ 4. Lucknow

Q.88 In which year was the Right to Property removed from the Fundamental Rights of the Constitution of India?

- Ans**
- ☐ 1. 1976
 - ☐ 2. 1986
 - ☐ 3. 1952
 - ☒ 4. 1978

Q.89 In which year did the government of India launch the Aatma Nirbhar Bharat Campaign?

- Ans**
- ☒ 1. 2020
 - ☐ 2. 2021
 - ☐ 3. 2019
 - ☐ 4. 2022

Q.90 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans
- ☒ 1. IPVX
 - ☐ 2. SZEH
 - ☐ 3. GNSV
 - ☐ 4. NUZC

Q.91 The mode of the observations 24, 33, 32, 24, 28, 24, 29, 25, 25, 34, 27, 26, 22, 34, 27, 24 and 30 is:

- Ans
- ☐ 1. 32
 - ☒ 2. 24
 - ☐ 3. 28
 - ☐ 4. 33

Q.92 A sells a smartphone to B at a loss of 60% and B sells the smartphone to C at a profit of 25%. If C purchased the smartphone for ₹42,206, then what was the cost (in ₹) of the smartphone for A?

- Ans
- ☐ 1. 84,415
 - ☐ 2. 84,407
 - ☐ 3. 84,406
 - ☒ 4. 84,412

Q.93 Two trains having lengths of 100 m and 500 m are running at speeds of 100 km/hr and 110 km/hr, respectively, in the same direction. The time taken (in minutes) by the faster train, coming from behind, to completely cross the other train is:

- Ans
- ☐ 1. 9.3
 - ☐ 2. 1.4
 - ☒ 3. 3.6
 - ☐ 4. 6

Q.94 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans
- ☐ 1. KNI
 - ☒ 2. EHB
 - ☐ 3. HKF
 - ☐ 4. NQL

Q.95 Which of the following is a feature of contract farming in India?

- Ans
- ☐ 1. No involvement of corporations
 - ☐ 2. Use of only traditional seeds
 - ☒ 3. Fixed buy-back rate by companies
 - ☐ 4. Farmers grow food for self-use

Q.96 If $x^2 + \frac{1}{x^2} = 83$, $x > 0$, then find the value of $x^3 - \frac{1}{x^3}$.

- Ans
- ☐ 1. 720
 - ☐ 2. 656
 - ☒ 3. 756
 - ☐ 4. 820

Q.97 In a certain code language, 'talk to him' is coded as 'yd hp mu' and 'when you talk' is coded as 'nc mu bt'. How is 'talk' coded in the given language?

- Ans**
- ☒ 1. mu
 - ☐ 2. bt
 - ☐ 3. nc
 - ☐ 4. yd

Q.98 If 56% of a number is equal to $\frac{5}{9}$ of another number, then what is the



- Ans**
- ☐ 1. 128 : 125
 - ☒ 2. 125 : 126
 - ☐ 3. 123 : 128
 - ☐ 4. 130 : 131

Q.99 If the length of a cuboid is 33 cm, breadth is 4 cm and volume is 7524 cm^3 , then find the height (in cm) of the cuboid.

- Ans**
- ☐ 1. 67
 - ☐ 2. 60
 - ☐ 3. 54
 - ☒ 4. 57

Q.100 The simplified value of $81 - 4 \times (5 + 2) + 54$ is:

- Ans**
- ☐ 1. 108
 - ☐ 2. 114
 - ☐ 3. 110
 - ☒ 4. 107



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	iON Digital Zone iDZ Siliguri
Test Date	21/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 There is a polygon of 10 sides. How many triangles can be drawn using the vertices of the polygon?

- Ans
- ☒ 1. 150
 - ☒ 2. 120
 - ☐ 3. 115
 - ☐ 4. 125

Q.2 If $a + b = 70$ and $(a - b)^2 = 208$, find the value of the product of a and b .

- Ans
- ☐ 1. 1240
 - ☐ 2. 1223
 - ☐ 3. 1254
 - ☒ 4. 1173

Q.3 What is the name of the 2025 tournament won by Vidarbha?

- Ans
- ☒ 1. Ranji Trophy
 - ☐ 2. Indian Premier League
 - ☐ 3. Vijay Hazare Trophy
 - ☐ 4. Syed Mushtaq Ali Trophy

Q.4 Under which provision can the Governor extend judicial service rules to certain magistrates?

- Ans
- ☐ 1. Article 142
 - ☐ 2. Article 233
 - ☒ 3. Article 237
 - ☐ 4. Article 234

Q.5 If 2 is added to each even digit and 2 is subtracted from each odd digit in the number 6597423, what will be the sum of all the even digits in the new number thus formed?

- Ans
- ☐ 1. 14
 - ☒ 2. 18
 - ☐ 3. 20
 - ☐ 4. 16

Q.6 Seven people, A, B, L, M, N, S, and T are sitting in a row, facing north. Only five people sit between T and A. N sits to the immediate left of A. Only one person sits between N and L. M sits at some place to the left of S but at some place to the right of B. Who sits third from the left end of the line?

- Ans**
- ☐ 1. A
 - ☐ 2. T
 - ☒ 3. M
 - ☐ 4. B

Q.7 Which of the following disputes is excluded from the original jurisdiction of the Supreme Court?

- Ans**
- ☐ 1. A dispute between Maharashtra and the Centre over a constitutional law issue
 - ☒ 2. A dispute between Karnataka and Tamil Nadu over water sharing
 - ☐ 3. A commercial contract dispute between Gujarat and a private company
 - ☐ 4. A disagreement between Punjab and Haryana over territorial boundaries

Q.8 'Maand' is the popular folk music of which state?

- Ans**
- ☐ 1. Uttar Pradesh
 - ☒ 2. Rajasthan
 - ☐ 3. Jharkhand
 - ☐ 4. Maharashtra

Q.9 Seven boxes, D, E, F, G, S, T and U, are kept one over the other but not necessarily in the same order. U is kept immediately above T. S is kept immediately above D. Only E is kept above G. Only two boxes are kept above U. S is not kept at third position from the bottom. How many boxes are kept between F and E?

- Ans**
- ☒ 1. Three
 - ☐ 2. Four
 - ☐ 3. One
 - ☐ 4. Two

Q.10 On 24-25 February 2025, where did the International Conference on Carbon Markets Prakriti 2025 take place?

- Ans**
- ☒ 1. New Delhi
 - ☐ 2. Kolkata
 - ☐ 3. Chennai
 - ☐ 4. Mumbai

Q.11 A, B, L, M, S, T and Z are sitting around a circular table facing the centre. Only one person sits between B and L when counted from the left of L. S sits third to the right of Z. M sits third to the left of T. S sits to the immediate right of M. A is not an immediate neighbour of M. How many people sit between A and L when counted from the right of A?

- Ans**
- ☒ 1. 3
 - ☐ 2. 1
 - ☐ 3. 2
 - ☐ 4. 4

Q.12 A right triangle with sides 9 cm, 12 cm and 15 cm is rotated about the side of 9 cm to form a cone. The volume (in cm^3) of the cone so formed is:

- Ans**
- ☐ 1. 421π
 - ☒ 2. 432π
 - ☐ 3. 320π
 - ☐ 4. 324π

Q.13 72 is related to 9 following a certain logic. Following the same logic, 24 is related to 3. To which of the following is 64 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☐ 1. 9
 - ☒ 2. 8
 - ☐ 3. 7
 - ☐ 4. 6

Q.14 Where are files and folders typically stored in a computer?

- Ans**
- ☒ 1. Hard drive
 - ☐ 2. Printer
 - ☐ 3. Keyboard
 - ☐ 4. Monitor

Q.15 Which of the following is an example of an open-source desktop Operating System?

- Ans**
- ☐ 1. macOS
 - ☐ 2. Windows 11
 - ☐ 3. Android
 - ☒ 4. Linux Ubuntu

Q.16 P, A, R, T, L and Y live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. No one lives below R. Only A lives above T. Only two people live between R and P. Y lives on an even numbered floor. R lives on the lowermost floor. How many people live between L and A?

- Ans**
- ☐ 1. Zero
 - ☐ 2. Three
 - ☒ 3. Two
 - ☐ 4. One

Q.17 In the case of 'Ashwini Kumar Upadhyay vs Union of India (November 2024)', the Supreme Court dismissed a plea related to:

- Ans**
- ☐ 1. Uniform Civil Code for all Indian citizens
 - ☐ 2. reservation for economically weaker sections (EWS) in jobs and education
 - ☐ 3. validity of Article 370 and special constitutional provisions
 - ☒ 4. constitutional validity of adding 'socialist' and 'secular' to the Preamble

Q.18 Find the value of $\left[\frac{2\cos A}{(1 - \sin A)} + \frac{2\cos A}{(1 + \sin A)} \right] \times 3\sqrt{\sec^2 A - 1}$.

- Ans**
- ☐ 1. $4 \sec A$
 - ☐ 2. $18 \sec A \tan A$
 - ☒ 3. $12 \sec A \tan A$
 - ☐ 4. $12 \tan A$

Q.19 Which of the following Acts allowed the Crown to take over governance from the East India Company?

- Ans**
- ☐ 1. Indian Councils Act, 1861
 - ☐ 2. Charter Act, 1813
 - ☐ 3. Ilbert Bill, 1883
 - ☒ 4. Government of India Act, 1858

Q.20 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

NR25 MQ36 LP47 KO58 ?

- Ans ☒ 1. JM68
☒ 2. JN69
☒ 3. JN68
☒ 4. JM69

Q.21 If a sum of ₹6,60,000 is invested for a year at 2% per annum compounded half yearly, then find the compound interest.

- Ans ☒ 1. ₹11,987
☒ 2. ₹13,266
☒ 3. ₹12,931
☒ 4. ₹12,824

Q.22 Which river is associated with the Mohenjo-daro site?

- Ans ☒ 1. Yamuna
☒ 2. Saraswati
☒ 3. Ganga
☒ 4. Indus

Q.23 Which of the following is/are correct regarding the agricultural sector post the reform period of 1991?

1. Quantitative restrictions on imports of agricultural products to India were fully removed from April 2001.
2. There was a huge increase in the import duties on agricultural products to India after 1991.
3. Due to the export-oriented policy after 1991, there was a shift from production for the domestic market towards production for the export market, with more focus on cash crops than food grains.

- Ans ☒ 1. Only 1 and 3
☒ 2. Only 2 and 3
☒ 3. Only 1 and 2
☒ 4. Only 1

Q.24 What is the mode of the data given below? [Give your answer correct to 2 decimal places.]

Age in years	15-25	25-35	35-45	45-55	55-65	65-75	75-85
No. of patients	31	34	13	19	30	28	29

- Ans ☒ 1. 17.36
☒ 2. 23.58
☒ 3. 39.33
☒ 4. 26.25

Q.25 Mr. X starts from Point L and drives 5 km towards the east. He then takes a right turn, drives 6 km, turns right and drives 9 km. He then takes a right turn and drives 2 km, turns left, drives 4 km. He takes a final right turn, drives 4 km and stops at Point O. How far (shortest distance) and towards which direction should he drive in order to reach Point L again? (All turns are 90-degree turns only unless specified.)

- Ans ☒ 1. 2 km towards the south
☒ 2. 7 km towards the west
☒ 3. 8 km towards the east
☒ 4. 2 km towards the north

- Q.26** In this question, a group of numbers/symbols are coded using letter codes as per the codes given below and the conditions that follow. The correct combination of codes (following only the condition/s that apply) is your answer.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	4	#	\$	7	9	2	6	@	3	&	5	+	%	8
Code	B	W	Q	C	A	T	J	N	P	D	G	E	Y	S

Conditions:

- (i) If the first element is a number and the last element is a symbol, then the codes for the first and last element are interchanged.
 (ii) If the first element is divisible by 2 and the last element is divisible by 3, then the first and last elements are to be coded *.
 (iii) If the first element is a symbol and the last element is an even number, then their codes (i.e. first and last element) are to be changed to the code for 3.

What is the code for the following?

@&238

- Ans** ☒ 1. PDTPS
☒ 2. NDTPS
☒ 3. PDTPP
☒ 4. NDTPP

- Q.27** If $x + \frac{1}{x} = \sqrt{5}$, $x > 0$, find the value of $x^4 + \frac{1}{x^4}$.

- Ans** ☒ 1. 7
☒ 2. 9
☒ 3. 10
☒ 4. 3

- Q.28** What subject does 'To the Success of Our Hopeless Cause' by Benjamin Nathans explore, which earned it the Pulitzer for General Nonfiction?

- Ans** ☒ 1. Rise of AI
☒ 2. American healthcare crisis
☒ 3. Soviet dissident movement
☒ 4. Environmental collapse

- Q.29** A total profit of ₹12,200 is to be distributed amongst P, Q, and R such that P : Q = 15 : 4 and Q : R = 3 : 1. The share (in ₹) of R in the profit is:

- Ans** ☒ 1. 800
☒ 2. 650
☒ 3. 700
☒ 4. 750

- Q.30** Which of the following is the equivalent ratio of 6 : 4?

- Ans** ☒ 1. 62 : 46
☒ 2. 60 : 40
☒ 3. 66 : 56
☒ 4. 61 : 41

Q.31 What is the length of the hyperloop test track launched by IIT Madras in 2025?

- Ans**
- ☐ 1. 10 km
 - ☒ 2. 422 m
 - ☐ 3. 1 km
 - ☐ 4. 100 m

Q.32 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
FRO RDA DPM PBY ?

- Ans**
- ☐ 1. BKN
 - ☐ 2. HBU
 - ☐ 3. BHY
 - ☒ 4. BNK

Q.33 Which of the given letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?
: PKN :: TOR : %

- Ans**
- ☐ 1. # = KFL, % = YPG
 - ☒ 2. # = KFI, % = YTW
 - ☐ 3. # = LJY, % = YVX
 - ☐ 4. # = KPJ, % = YOJ

Q.34 In an isosceles triangle, the vertex angle measures 44° . What is the measure of each of the base angles?

- Ans**
- ☒ 1. 68° and 68°
 - ☐ 2. 65° and 65°
 - ☐ 3. 58° and 58°
 - ☐ 4. 64° and 64°

Q.35 Which Indian bank become the first to launch near-real-time, 24/7 programmable USD clearing capabilities using JP Morgan's Kinexys Digital Payments platform in March 2025?

- Ans**
- ☐ 1. Bandhan Bank
 - ☒ 2. Axis Bank
 - ☐ 3. Indian Bank
 - ☐ 4. State Bank of India

Q.36 Evaluate: 82×111

- Ans**
- ☐ 1. 9202
 - ☒ 2. 9102
 - ☐ 3. 9092
 - ☐ 4. 9112

Q.37 In a certain code language, 'please go down' is coded as 'ta wk vb' and 'down the drain' is coded as 'cm dg wk'. How is 'down' coded in the given language?

- Ans**
- ☐ 1. vb
 - ☐ 2. cm
 - ☒ 3. wk
 - ☐ 4. dg

Q.38 Which force acts without physical contact and governs celestial body motion in mechanics?

- Ans**
- ☒ 1. Gravitational force
 - ☐ 2. Friction
 - ☐ 3. Spring force
 - ☐ 4. Tension

Q.39 A pipe can fill a tank in 12 hours. Another pipe can empty the filled tank in 21 hours. If both the pipes are opened simultaneously, then the time (in hours) in which the tank will be half filled, is:

- Ans**
- ☒ 1. 14
 - ☐ 2. 28
 - ☐ 3. 15
 - ☐ 4. 29

Q.40 Why is the common cold rarely considered a lower respiratory tract infection?

- Ans**
- ☐ 1. It requires a vector for lower tract transmission.
 - ☐ 2. Antibodies prevent it from entering the lungs.
 - ☐ 3. The virus is destroyed in the alveoli.
 - ☒ 4. Rhinoviruses only infect the upper respiratory tract.

Q.41 What is the default file format for saving workbooks in newer versions of MS Excel (e.g., Excel 2019)?

- Ans**
- ☐ 1. .xls
 - ☐ 2. .pdf
 - ☐ 3. .csv
 - ☒ 4. .xlsx

Q.42 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All letters are message.
Some messages are emails.
No email is a post.

Conclusions:

(I) No letter is a post.
(II) Some emails are letters.

- Ans**
- ☐ 1. Only conclusion (I) follows
 - ☒ 2. Neither conclusion (I) nor (II) follows
 - ☐ 3. Both conclusions (I) and (II) follow
 - ☐ 4. Only conclusion (II) follows

Q.43 A class of 30 students appeared in a test. The average score of 12 students is 70, and that of the rest is 64. What is the average score of the class?

- Ans**
- ☐ 1. 64.4
 - ☒ 2. 66.4
 - ☐ 3. 67.4
 - ☐ 4. 65.4

Q.44 Which of the following key combinations is used to paste copied content?

- Ans**
- ☐ 1. Ctrl + K
 - ☐ 2. Ctrl + B
 - ☐ 3. Ctrl + P
 - ☒ 4. Ctrl + V

Q.45 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. EL – GO
 - ☐ 2. AH – CK
 - ☒ 3. KR – NU
 - ☐ 4. NU – PX

Q.46 Which of the following correctly describes the composition of the selection committee for the Lokpal?

- Ans**
- ☐ 1. Prime Minister, Chief Justice of India, Leader of the Opposition, Vice-President, and a Cabinet Minister
 - ☒ 2. Prime Minister, Lok Sabha Speaker, Leader of the Opposition, Chief Justice of India, and an eminent jurist nominated by the President
 - ☐ 3. President, Prime Minister, Chief Election Commissioner, Lok Sabha Speaker, and a Jurist
 - ☐ 4. Prime Minister, Home Minister, Chief Justice of India, Attorney General, and Leader of the Opposition

Q.47 What is the longitudinal extent of India?

- Ans**
- ☒ 1. 68°7'E to 97°25'E
 - ☐ 2. 66°30'E to 98°00'E
 - ☐ 3. 69°10'E to 96°15'E
 - ☐ 4. 70°00'E to 95°30'E

Q.48 Which of the following was NOT a provision of the Rowlatt Act, which was introduced by the British government to curb political dissent in India?

- Ans**
- ☐ 1. Arrest of political leaders without warrants
 - ☒ 2. Restrictions on freedom of expression
 - ☐ 3. Arrest without trial
 - ☐ 4. Censorship of press

Q.49 F, G, H, J, K and L live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. J lives immediately above L. Only two people live between F and L. F lives on an odd numbered floor. H lives immediately below K. How many people live between G and K?

- Ans**
- ☐ 1. One
 - ☒ 2. Two
 - ☐ 3. Four
 - ☐ 4. Three

Q.50 What should come in place of the question mark (?) in the given series?
135 123 109 93 75 ?

- Ans**
- ☐ 1. 75
 - ☒ 2. 55
 - ☐ 3. 45
 - ☐ 4. 65

Q.51 Which of the given letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: ZTW :: NHK : %

- Ans**
- ✓ 1. # = UOR, % = SMP
 - ✗ 2. # = UPL, % = TYF
 - ✗ 3. # = UGF, % = SPR
 - ✗ 4. # = UKH, % = OHY

Q.52 The curved surface area of a cylinder is half of its total surface area. If its height is 53 cm, then find its radius (in cm).

- Ans**
- ✓ 1. 53
 - ✗ 2. 47
 - ✗ 3. 59
 - ✗ 4. 49

Q.53 A man walks to a viewpoint and returns to the starting point by his car and thus takes a total time of 8 hours 15 minutes. He would have gained 5 hours by driving both ways. How long would he have taken to walk both ways?

- Ans**
- ✗ 1. 13 hours 45 minutes
 - ✗ 2. 12 hours 15 minutes
 - ✗ 3. 14 hours 30 minutes
 - ✓ 4. 13 hours 15 minutes

Q.54 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.

ARCE - CARE - ECRA
POLE - LPOE - ELOP

- Ans**
- ✗ 1. SAFE - SF AE - EFAS
 - ✗ 2. BING - IBNG - GINB
 - ✗ 3. ZEAP - AZEP - EAPZ
 - ✓ 4. WORM - RWOM - MROW

Q.55 Given the cubic equation: $x^3 - 3x^2 + 4x - 12 = 0$. Find the sum of the products of the roots taken two at a time.

- Ans**
- ✗ 1. -3
 - ✗ 2. 12
 - ✓ 3. 4
 - ✗ 4. 3

Q.56 Two taps, X and Y, can fill a tank in 12 hours and 24 hours, respectively. If both the taps are open, then due to leakage, it takes 30 minutes more to fill the tank. If the tank is full, how long will it take for the leakage alone to empty the tank?

- Ans**
- ✗ 1. 75 hours
 - ✓ 2. 136 hours
 - ✗ 3. 100 hours
 - ✗ 4. 36 hours

Q.57 Who defeated Rudranksh Patil and Arya Borse in the gold medal match of the 10 m Air Rifle Mixed Team event at ISSF World Cup 2025?

- Ans**
- ☐ 1. A team from Germany
 - ☒ 2. A team from Norway
 - ☐ 3. A team from the USA
 - ☐ 4. A team from China

Q.58 Express $0.\overline{583}$ in the form $\frac{p}{q}$, where p and q are integers and $q \neq 0$.

- Ans**
- ☐ 1. $\frac{277}{333}$
 - ☒ 2. $\frac{583}{999}$
 - ☐ 3. $\frac{141}{256}$
 - ☐ 4. $\frac{141}{499}$

Q.59 Jyotiba Phule was remembered on his birth anniversary on 11th April 2025 for which of the following major contributions to Indian society?

- Ans**
- ☐ 1. Launching India's first cooperative bank
 - ☐ 2. Writing the Indian Constitution
 - ☐ 3. Leading the 1857 revolt
 - ☒ 4. Founding the first girls' school in India

Q.60 The average of three numbers is 154. The first number is twice the second. What is the first number?

- Ans**
- ☐ 1. 252
 - ☐ 2. 258
 - ☐ 3. 268
 - ☒ 4. 264

Q.61 Mr. PQR starts from Point A and drives 9 km towards the north. He then takes a right turn, drives 11 km, turns right and drives 17 km. He then takes a right turn and drives 12 km. He takes a final right turn, drives 8 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified)

- Ans**
- ☐ 1. 7 km to the east
 - ☒ 2. 1 km to the east
 - ☐ 3. 5 km to the west
 - ☐ 4. 3 km to the west

Q.62 Which of the following mountain ranges contains the 'Valley of Flowers' National Park?

- Ans**
- ☐ 1. Pir Panjal
 - ☒ 2. West Himalaya
 - ☐ 3. Dhauladhar
 - ☐ 4. Karakoram

Q.63 How many national waterways have been declared for development under the National Waterways Act, 2016?

- Ans**
- ☐ 1. 150
 - ☐ 2. 100
 - ☐ 3. 122
 - ☒ 4. 111

Q.64 This question is based on the five, three-digit numbers given below.
(Left) 325 503 158 391 144 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the first digit of the lowest number?

- Ans**
- ☐ 1. 4
 - ☐ 2. 2
 - ☐ 3. 3
 - ☒ 4. 1

Q.65 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 6 @ \$ 1 8 # 9 % < 2 4 > 3 ^ 5 & 7 (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by another number?

- Ans**
- ☐ 1. Two
 - ☐ 2. One
 - ☒ 3. More than three
 - ☐ 4. Three

Q.66 The Indian textile industry was subjected to discriminatory trade practices. Which of the following policies harmed the Indian textile industry under British rule?

- Ans**
- ☐ 1. Free trade within India
 - ☐ 2. Export subsidies
 - ☐ 3. Equal tariffs on imports and exports
 - ☒ 4. Imposition of heavy duties on Indian exports to Britain

Q.67 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. ZEHL
 - ☐ 2. GLOS
 - ☒ 3. EJNQ
 - ☐ 4. YDGK

Q.68 In a certain code language,

A + B means 'A is the son of B',
A - B means 'A is the sister of B',
A x B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

Based on the above, how is E related to K if 'E ÷ F + G - H x K'?

- Ans**
- ☐ 1. Wife's sister's son
 - ☒ 2. Wife's sister's husband
 - ☐ 3. Wife's brother's wife
 - ☐ 4. Wife's brother's son

Q.69 Who were the defending champions at the 15th Hockey India Senior Women National Championship 2025?

- Ans**
- ☐ 1. Hockey Punjab
 - ☐ 2. Hockey Maharashtra
 - ☒ 3. Hockey Jharkhand
 - ☐ 4. Hockey Haryana

Q.70 Which of the following correctly differentiates between absolute poverty and relative poverty?

- Ans**
- ☐ 1. There is no difference between the two.
 - ☐ 2. Absolute poverty is based on income inequality; relative poverty is not.
 - ☒ 3. Absolute poverty uses a fixed threshold; relative poverty compares individuals within a society.
 - ☐ 4. Absolute poverty is subjective; relative poverty is objective.

Q.71 For which discovery was Paul Ehrlich awarded the Nobel Prize in Medicine in 1908?

- Ans**
- ☐ 1. Use of azodyes in textiles
 - ☐ 2. Penicillin for treating infections
 - ☒ 3. Theoretical basis for immunology
 - ☐ 4. Antibacterial effect of sulpha drugs

Q.72 Which of the following physical factors influences the compactness of rural settlements in dry regions like Rajasthan?

- Ans**
- ☐ 1. Groundwater salinity
 - ☐ 2. Soil fertility
 - ☐ 3. Altitude
 - ☒ 4. Availability of water

Q.73 What should come in place of the question mark (?) in the given series?

1212 1220 1230 1242 1256 ?

- Ans**
- ☐ 1. 1274
 - ☐ 2. 1270
 - ☒ 3. 1272
 - ☐ 4. 1268

Q.74 In 2024, India hosted its first and largest multinational air combat exercise, marking a significant milestone in its defence diplomacy. What was the name of this exercise?

- Ans**
- ☐ 1. Exercise Vayu Shakti
 - ☐ 2. Exercise Yudh Abhyas
 - ☐ 3. Exercise Shakti
 - ☒ 4. Exercise Tarang Shakti

Q.75 Anand purchased an item and incurred ₹127 in repair expenses. Subsequently, he sold it to Bharath with a 52% profit. Eventually, Bharath sold the item for ₹4,788, making a 44% loss. What was the original cost (in ₹) of the item for Anand?

- Ans**
- ☐ 1. 5,625
 - ☐ 2. 5,523
 - ☐ 3. 5,628
 - ☒ 4. 5,498

Q.76 Which of the following is the greatest number that divides 59 and 133 and leaves 5 and 7 as respective remainders?

- Ans**
- ☐ 1. 19
 - ☐ 2. 20
 - ☐ 3. 22
 - ☒ 4. 18

Q.77 Which statement best explains why removing all desktop icons does NOT impact the functionality of the applications in Windows OS?

- Ans**
- ☒ 1. Desktop icons are only visual shortcuts and not the actual application files.
 - ☐ 2. Windows OS duplicates all application files in the desktop directory.
 - ☐ 3. The desktop is a virtual memory area where applications run in the background.
 - ☐ 4. Desktop icons are system-critical files required to run applications.

Q.78 If 1 is added to each even digit and each odd digit in the number 76341528, what will be the sum of all the odd digits in the new number thus formed?

- Ans**
- ☒ 1. 24
 - ☐ 2. 26
 - ☐ 3. 28
 - ☐ 4. 22

Q.79 According to the Census of India, what was the approximate decadal growth rate of India's population during 2001-2011?

- Ans**
- ☐ 1. 14.9%
 - ☐ 2. 25.6%
 - ☐ 3. 21.3%
 - ☒ 4. 17.6%

Q.80 In a certain code language, 'GATE' is coded as '3647' and 'WING' is coded as '1265'. What is the code for 'G' in the given code language?

- Ans**
- ☐ 1. 3
 - ☐ 2. 7
 - ☒ 3. 6
 - ☐ 4. 5

Q.81 KORJ is related to DHKC in a certain way based on the English alphabetical order. In the same way, IMPH is related to BFIA. To which of the given options is NRUM related, following the same logic?

- Ans**
- ☐ 1. KGFN
 - ☐ 2. GKFN
 - ☐ 3. KGNF
 - ☒ 4. GKNF

Q.82 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 7 & 9 ^ # 1 * 5 < 2 6 ≡ 4 Δ 3 \$ @ 8 (Right)

How many such symbols are there, each of which is immediately preceded by an odd number but NOT immediately followed by an even number?

(Note: a combination of three elements should be considered while answering this question.)

- Ans
- ☐ 1. Two
 - ☐ 2. One
 - ☒ 3. More than three
 - ☐ 4. Three

Q.83 If A's salary is 17% more than that of B, then by what percentage is B's salary less than that of A (rounded off to two decimal places)?

- Ans
- ☐ 1. 11.57%
 - ☒ 2. 14.53%
 - ☐ 3. 17.11%
 - ☐ 4. 16.39%

Q.84 A dealer purchased a water heater for ₹2,107. After allowing a discount of 79% on its marked price, he still gains 89%. Find the marked price of the water heater.

- Ans
- ☒ 1. ₹18,963
 - ☐ 2. ₹18,987
 - ☐ 3. ₹18,948
 - ☐ 4. ₹19,065

Q.85 When one-third of a number is increased by 10, the result is 65. Find the sum of the digits of the original number.

- Ans
- ☐ 1. 14
 - ☐ 2. 11
 - ☒ 3. 12
 - ☐ 4. 9

Q.86 At what rate (in percentage) per annum on simple interest will a sum of money triple itself in 10 years?

- Ans
- ☐ 1. 29%
 - ☐ 2. 19%
 - ☐ 3. 30%
 - ☒ 4. 20%

Q.87 Who defeated Harshavardhana on the Narmada frontier?

- Ans
- ☐ 1. Mahendravarman II
 - ☐ 2. Narasimhavarman
 - ☒ 3. Pulakesin II
 - ☐ 4. Rajaraja Chola

Q.88 The mode of the observations 20, 20, 20, 35, 29, 34, 25, 33, 35, 32, 33, 27, 22, 31 and 31 is:

- Ans
- ☒ 1. 20
 - ☐ 2. 34
 - ☐ 3. 35
 - ☐ 4. 29

Q.89 Jagoi and Cholom are the two main divisions of which of the following classical dance forms?

- Ans**
- ☐ 1. Odissi
 - ☒ 2. Manipuri
 - ☐ 3. Kathak
 - ☐ 4. Kuchipudi

Q.90 A man sold an article at a gain of 39%. If he had sold it for ₹558 more, he would have gained 64%. The cost price (in ₹) of the article is:

- Ans**
- ☐ 1. 2,231
 - ☐ 2. 2,233
 - ☒ 3. 2,232
 - ☐ 4. 2,230

Q.91 During summer, the Thar Desert becomes a low-pressure zone due to which of the following?

- Ans**
- ☐ 1. Western disturbances
 - ☒ 2. Intense solar heating
 - ☐ 3. Frontal cyclones
 - ☐ 4. Coastal humidity

Q.92 A man receives ₹6,150 per month as salary. He saves 46% of his salary every month. His expenditure per month is:

- Ans**
- ☐ 1. ₹3,295
 - ☒ 2. ₹3,321
 - ☐ 3. ₹3,260
 - ☐ 4. ₹3,371

Q.93 Which of the following films won the Best Picture award at the 2025 Oscars?

- Ans**
- ☐ 1. Conclave
 - ☒ 2. Anora
 - ☐ 3. The Brutalist
 - ☐ 4. Wicked

Q.94 If 'P' stands for '×', 'Q' stands for '÷', 'R' stands for '-' and 'S' stands for '+', then what will come in place of the question mark (?) in the following equation?

$$81 \text{ S } 28 \text{ R } 39 \text{ S } (98 \text{ Q } 7) = ?$$

- Ans**
- ☒ 1. 84
 - ☐ 2. 68
 - ☐ 3. 72
 - ☐ 4. 96

Q.95 Which of the following Articles of the Indian Constitution states about the appointment of the Advocate General for the State?

- Ans**
- ☐ 1. Article 164
 - ☐ 2. Article 163
 - ☐ 3. Article 162
 - ☒ 4. Article 165

Q.96 In one hour, a boat goes 47 km/hr in the direction of the stream and 19 km/hr against the direction of the stream. What will be the speed of the current?

- Ans**
- ☐ 1. 19 km/hr
 - ☐ 2. 20 km/hr
 - ☒ 3. 14 km/hr
 - ☐ 4. 11 km/hr

Q.97 If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 2637458, what will be the sum of the greatest and the smallest digits in the new number thus formed?

- Ans**
- ☐ 1. 10
 - ☒ 2. 9
 - ☐ 3. 11
 - ☐ 4. 8

Q.98 If 20% of a number is equal to $\frac{3}{4}$ of another number, then what is the



- Ans**
- ☐ 1. 10 : 7
 - ☒ 2. 15 : 4
 - ☐ 3. 13 : 5
 - ☐ 4. 20 : 1

Q.99 What is the maximum strength of the Deputy Governors of Reserve Bank of India, according to the Reserve Bank of India Act, 1934?

- Ans**
- ☐ 1. Three Deputy Governors
 - ☒ 2. Four Deputy Governors
 - ☐ 3. Five Deputy Governors
 - ☐ 4. Two Deputy Governors

Q.100 Which moderate leader, often referred to as the 'Grand Old Man of India,' became the first Indian elected to the British House of Commons and helped shape the early nationalist movement?

- Ans**
- ☒ 1. Dadabhai Naoroji
 - ☐ 2. Pherozeshah Mehta
 - ☐ 3. Gopal Krishna Gokhale
 - ☐ 4. Rash Behari Ghosh



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०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	iON Digital Zone iDZ Sheela Nagar
Test Date	23/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

- Options shown in green color with a tick icon are correct.
- Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 In this question, a group of numbers/symbols are coded using letter codes as per the codes given below, and the conditions that follow. The correct combination of codes (following only the condition/s that apply) is your answer.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	7	@	6	2	#	%	&	8	9	=	\$	3	4	+
Code	E	J	A	H	F	R	B	Y	L	H	Q	T	K	Z

Conditions:

- If the first element is an odd number and the last element is also an odd number, then the codes for these two (the first and the last elements) are to be interchanged.
- If the first and last elements are perfect squares, then the code of the 1st and last element are to be interchanged.
- If the first and last element is a symbol, then the first and last element is to be coded as >.

What is the code for the following?

98#@4

- Ans**
- ☒ 1. LYFJK
 - ☒ 2. KYFEL
 - ☒ 3. TYFJY
 - ☒ 4. KYFJL

Q.2 If 'P' stands for '×', 'Q' stands for '÷', 'R' stands for '-' and 'S' stands for '+', then what will come in place of the question mark (?) in the following equation?

29 S 9 P 3 R 13 P 4 S 55 = ?

- Ans**
- ☒ 1. 59
 - ☒ 2. 83
 - ☒ 3. 41
 - ☒ 4. 27

Q.3 In May 2025, the management of Palamu Tiger Reserve (PTR) was in talks with TRAFFIC – a joint initiative between World Wildlife Fund and the International Union of Conservation of Nature – to obtain a sniffer dog for _____.

- Ans**
- ☐ 1. Periyar National Park
 - ☐ 2. Kanha National Park
 - ☒ 3. Betla National Park
 - ☐ 4. Gir National Park

Q.4 Which ancient civilisations flourished in the Thar Desert area about 5000 years ago?

- Ans**
- ☐ 1. Babylonian Civilisation
 - ☐ 2. Egyptian Civilisation
 - ☐ 3. Greek Civilisation
 - ☒ 4. Indus Valley Civilisation

Q.5 A hemispherical bowl has a 3.5 cm radius. It is to be painted inside as well as outside. Find the cost of painting it at the rate of ₹17 per 10 cm².

(Use $\pi = \frac{22}{7}$)

- Ans**
- ☐ 1. ₹241.8
 - ☐ 2. ₹251.8
 - ☒ 3. ₹261.8
 - ☐ 4. ₹271.8

Q.6 Which of the following numbers is divisible by 12?

- Ans**
- ☐ 1. 2349
 - ☐ 2. 2800
 - ☒ 3. 2184
 - ☐ 4. 1264

Q.7 In the three-tier structure of the Panchayati Raj system in India, which body is elected at the grassroots level?

- Ans**
- ☐ 1. Panchayat Samiti
 - ☐ 2. Block Samiti
 - ☐ 3. Zila Parishad
 - ☒ 4. Gram Panchayat

Q.8 Which of the following is/are correct with respect to the outcomes of globalisation in the Indian economy?

1. The opening of the economy has led to a rapid decrease in foreign direct investment and foreign exchange reserves.
2. The post-1991 India witnessed a steep decline in its GDP on a continual basis for two decades.
3. The growth of GDP increased from 5.6% during 1980-91 to 8.2% during 2007-12.

- Ans**
- ☒ 1. Only 3
 - ☐ 2. Only 1 and 2
 - ☐ 3. Only 2
 - ☐ 4. Only 1 and 3

Q.9 Which method allows you to create a new text file inside a specific folder in Windows?

- Ans**
- ☐ 1. Press Ctrl + F while in the folder.
 - ☐ 2. Restore a file from the Recycle Bin.
 - ☒ 3. Open the folder and right-click → New → Text Document
 - ☐ 4. Start a new task from Task Manager.

Q.10 What is the purpose of Print Preview in MS Excel 365?

- Ans**
- ☐ 1. To delete unnecessary rows/columns
 - ☒ 2. To check how the spreadsheet will appear on paper and adjust layout/formatting
 - ☐ 3. To edit cell formulas before printing
 - ☐ 4. To convert the spreadsheet into a PDF

Q.11 Which of the following materials is most suitable for making filaments in electric bulbs?

- Ans**
- ☐ 1. Aluminium
 - ☐ 2. Iron
 - ☐ 3. Copper
 - ☒ 4. Tungsten

Q.12 The selling price of 35 books is equal to the cost price of 28 books. Find the loss or gain percentage.

- Ans**
- ☐ 1. $\frac{100}{7}\%$ loss
 - ☐ 2. $\frac{100}{7}\%$ gain
 - ☐ 3. 20% gain
 - ☒ 4. 20% loss

Q.13 Who among the following wrote the book 'Breaking Rocks and Barrier'?

- Ans**
- ☒ 1. Sudipta Sengupta
 - ☐ 2. Soumitra Chatterjee
 - ☐ 3. Arun Shourie
 - ☐ 4. Pankaj Mishra

Q.14 For a regular polygon, the sum of the interior angles is 400% more than the sum of its exterior angles. Each interior angle of the polygon measures x° . What is the value of x ?

- Ans**
- ☐ 1. 135
 - ☐ 2. 145
 - ☐ 3. 140
 - ☒ 4. 150

Q.15 Which of the following is NOT an elected position under the Panchayati Raj system in India?

- Ans**
- ☐ 1. Pradhan
 - ☒ 2. Panchayat Secretary
 - ☐ 3. Sarpanch
 - ☐ 4. Zila Pramukh

Q.16 Which of the following organisms has the smallest DNA length listed?

- Ans
- ☐ 1. Escherichia coli
 - ☐ 2. Human haploid cell
 - ☐ 3. Bacteriophage λ
 - ☒ 4. ϕ X174 phage

Q.17 If $\frac{x+1}{x} = 9$ then $\frac{x^2+1}{x^2}$ is:

- Ans
- ☒ 1. 79
 - ☐ 2. 78
 - ☐ 3. 72
 - ☐ 4. 85

Q.18 In Windows 11 OS, which command interpreter helps to manage computer's drives (disks, partitions, volumes, or virtual hard disks)?

- Ans
- ☐ 1. gpedit.msc
 - ☐ 2. regedit
 - ☐ 3. msconfig
 - ☒ 4. diskpart

Q.19 Hari travels from City A to City B. If Hari drives his car at $\frac{1}{4}$ of his normal time (in minutes) that Hari would take to travel from City A to City B

- Ans
- ☒ 1. 13
 - ☐ 2. 4
 - ☐ 3. 20
 - ☐ 4. 19

Q.20 If at the same rate of interest, in 2 years, the simple interest is ₹40 and compound interest, compounded annually, is ₹42, then what is the principal (in ₹)?

- Ans
- ☐ 1. 195
 - ☐ 2. 204
 - ☐ 3. 193
 - ☒ 4. 200

Q.21 According to 2011 census of India, which of the following states/union territories was observed as absence of tribal population?

- Ans
- ☐ 1. Kerala
 - ☒ 2. Punjab
 - ☐ 3. Odisha
 - ☐ 4. Maharashtra

Q.22 Which of the following river basins supports the highest population concentration in India?

- Ans
- ☒ 1. Ganga Basin
 - ☐ 2. Narmada Basin
 - ☐ 3. Godavari Basin
 - ☐ 4. Brahmaputra Basin

Q.23 Find the value of $(0.54)^3 + (0.46)^3$.

- Ans**
- ☒ 1. 0.2548
 - ☐ 2. 0.2458
 - ☐ 3. 0.2584
 - ☐ 4. 0.2854

Q.24 Which of the following Articles of the Indian Constitution states about the duty of Union Public Service Commission to present its report annually to the President of India?

- Ans**
- ☒ 1. Article 323
 - ☐ 2. Article 322
 - ☐ 3. Article 324
 - ☐ 4. Article 321

Q.25 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☒ 1. OSM
 - ☐ 2. UYT
 - ☐ 3. RVQ
 - ☐ 4. JNI

Q.26 Where was the 2024 G20 Summit held?

- Ans**
- ☒ 1. Rio de Janeiro, Brazil
 - ☐ 2. New Delhi, India
 - ☐ 3. Johannesburg, South Africa
 - ☐ 4. Rome, Italy

Q.27 Start-up culture has grown rapidly in India after the liberalisation. Which ministry leads the implementation of the Start-up India initiative?

- Ans**
- ☐ 1. Ministry of Skill Development
 - ☐ 2. Ministry of MSME
 - ☒ 3. Ministry of Commerce and Industry
 - ☐ 4. Ministry of Finance

- Q.28** In this question, a group of numbers/symbols are coded using letter codes as per the codes given below, and the conditions that follow. The correct combination of codes (following only the condition/s that apply) is your answer.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	7	@	6	2	#	%	&	8	9	=	\$	3	4	+
Code	E	J	A	H	F	R	B	Y	L	H	Q	T	K	Z

Conditions:

- (i) If the first element is an odd number and the last element is also an odd number then the codes for these two (the first and the last elements) are to be interchanged.
 (ii) If the first and last elements are perfect squares then the code of the 1st and last element is to be that of the preceding number or symbol.
 (iii) If the first and last element is a symbol then the first and last element is to be coded as >.

What is the code for the following?

9%+27

- Ans**
- ☒ 1. LRZHL
 - ☒ 2. ERZHE
 - ☒ 3. LRZHE
 - ☒ 4. ERZHL

- Q.29** This question is based on the five, three-digit numbers given below.
 (Left) 941 915 741 807 776 (Right)

(Example- 697 - First digit = 6, second digit = 9 and third digit = 7)
 (NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is added to the first digit of the lowest number?

- Ans**
- ☒ 1. 8
 - ☒ 2. 7
 - ☒ 3. 11
 - ☒ 4. 9

- Q.30** If $a^2 + b^2 = 179$ and $a \times b = 14$, then find $\frac{(a - b)}{(a + b)}$, where $a > b$

- Ans**
- ☒ 1. $\sqrt{\frac{151}{207}}$
 - ☒ 2. $\frac{240}{281}$
 - ☒ 3. $\sqrt{\frac{171}{217}}$
 - ☒ 4. $\frac{411}{445}$

Q.31 Mr. C starts from Point D and drives 3 km towards the west. He then takes a left turn, drives 11 km, turns left and drives 9 km. He then takes a right turn and drives 5 km, turns left drives 7 km. He then takes left turn, drives 16 km. He takes a final left turn drives 9 km and stops at Point E. How far (shortest distance) and towards which direction should he drive in order to reach Point D again? (All turns are 90 degrees turns only unless specified.)

- Ans**
- ☐ 1. 4 km towards the South
 - ☐ 2. 2 km towards the West
 - ☒ 3. 4 km towards the West
 - ☐ 4. 2 km towards the East

Q.32 This question is based on the five, three-digit numbers given below.
(Left) 441 317 999 155 444 (Right)

(Example- 697 - First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is subtracted from the first digit of the lowest number?

- Ans**
- ☐ 1. -5
 - ☐ 2. -7
 - ☐ 3. -6
 - ☒ 4. -8

Q.33 The Chinese traveler who visited Harsha's court was:

- Ans**
- ☒ 1. Hiuen Tsang
 - ☐ 2. I-Tsing
 - ☐ 3. Hao
 - ☐ 4. Fa-Hien

Q.34 Find the roots of the equation $5x^2 - 11x + 2 = 0$ by factorisation method.

- Ans**
- ☒ 1. $\frac{1}{5}, 2$
 - ☐ 2. $2, \frac{2}{5}$
 - ☐ 3. $5, 2$
 - ☐ 4. $1, \frac{2}{5}$

Q.35 Which Article of the Indian Constitution empowers Parliament to regulate the right of citizenship by law?

- Ans**
- ☒ 1. Article 11
 - ☐ 2. Article 10
 - ☐ 3. Article 5
 - ☐ 4. Article 14

Q.36 In a row of 37 students facing north, Vishesh is 13th from the right end. If Namrata is 10th to the left of Vishesh, what is Namrata's position from the left end of the line?

- Ans**
- ☒ 1. 15th
 - ☐ 2. 14th
 - ☐ 3. 12th
 - ☐ 4. 11th

Q.37 Seven people, A, B, L, M, N, S, and T are sitting in a row, facing north. Only L sits to the left of S. Only four people sit between L and N. Only M sits between A and B, and A is not an immediate neighbour of N. Who sits at the extreme right of the line?

- Ans** ☒ 1. T
☐ 2. A
☐ 3. D
☐ 4. N

Q.38 This question is based on the five, three-digit numbers given below.
(Left) 107 788 634 346 488 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is added to the third digit of the lowest number?

- Ans** ☐ 1. 7
☐ 2. 12
☐ 3. 9
☒ 4. 14

Q.39 Which dynasty replaced the Shungas in Magadha?

- Ans** ☐ 1. Satavahanas
☒ 2. Kanvas
☐ 3. Guptas
☐ 4. Kushanas

Q.40 F, G, H, J, K and L live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only three people live between K and G, where K lives below G. H lives on an odd numbered floor and immediately above K. J lives on one of the floors below F and on one of the floors above L. Who lives on floor numbered 4?

- Ans** ☒ 1. J
☐ 2. F
☐ 3. H
☐ 4. L

Q.41 Regarding the 2024 Maharashtra Assembly elections, which of the following statements are correct?

1. The BJP won more than 100 seats.
2. The Congress improved its seat tally compared to 2019.
3. The Shiv Sena (Shinde faction) secured more seats than the Uddhav faction.
4. The Maha Vikas Aghadi (MVA) alliance was successful in forming the government.

- Ans** ☒ 1. Only 1 and 3
☐ 2. Only 2 and 3
☐ 3. Only 3 and 4
☐ 4. Only 1, 2, and 4

Q.42 If $\sqrt{2} \operatorname{cosec} A = 2 \sec A$, find the value of $\tan A \sec A$.

- Ans
- ☐ 1. $\sqrt{3}$
 - ☒ 2. $\frac{\sqrt{3}}{2}$
 - ☐ 3. $\frac{1}{2}$
 - ☐ 4. 4

Q.43 Seven people D, E, F, G, L, M and N are sitting in a row, facing north. Only five people sit between M and L. F sits to the immediate left of L. Only one person sits between F and E. N sits at some place to the left of G but at some place to the right of D. Who sits third from the left end of the row?

- Ans
- ☐ 1. G
 - ☒ 2. N
 - ☐ 3. F
 - ☐ 4. D

Q.44 The temperatures recorded over five consecutive days in a town were: 28°C , 30°C , 32°C , 31°C , and 29°C . What was the average temperature during these five days?

- Ans
- ☒ 1. 30°C
 - ☐ 2. 29°C
 - ☐ 3. 32°C
 - ☐ 4. 31°C

Q.45 If the volume of a right circular cone of height 11 cm is $297\pi \text{ cm}^3$, find the diameter of its base.

- Ans
- ☐ 1. 14 cm
 - ☐ 2. 25 cm
 - ☒ 3. 18 cm
 - ☐ 4. 12 cm

Q.46 Which Article of the Constitution of India provides a right to profess, practice and propagate religion?

- Ans
- ☐ 1. Article 26
 - ☒ 2. Article 25
 - ☐ 3. Article 23
 - ☐ 4. Article 24

Q.47 Ashish, Lalita and Pranav started a business in partnership, investing in the ratio of 21 : 9 : 20, respectively. At the end of the year, they earned a profit of ₹84,700, which is 28% of their total investment. How much did Lalita invest (in ₹)?

- Ans
- ☐ 1. ₹54,498
 - ☒ 2. ₹54,450
 - ☐ 3. ₹54,352
 - ☐ 4. ₹54,442

Q.48 If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 1374526, then what will the sum of the digits which are third from the left and third from the right in the new number thus formed be?

- Ans
- ☒ 1. 16
 - ☐ 2. 8
 - ☐ 3. 11
 - ☐ 4. 14

Q.49 The Planning Commission was established to steer India's five year plans. Who was the first chairman of the Planning Commission of India?

- Ans**
- ☐ 1. BR Ambedkar
 - ☐ 2. Rajendra Prasad
 - ☒ 3. Jawaharlal Nehru
 - ☐ 4. CD Deshmukh

Q.50 In the 2024 Jharkhand Assembly elections, how many seats were won by the winning party/coalition and what is the name of the party/coalition?

- Ans**
- ☐ 1. 50 seats, Indian National Congress (INC)
 - ☐ 2. 56 seats, JMM-led NDA alliance
 - ☐ 3. 45 seats, Bharatiya Janata Party (BJP)
 - ☒ 4. 56 seats, JMM-led alliance INDIA

Q.51 What type of aircraft did the Indian Air Force contingent include in Exercise INIOCHOS-25?

- Ans**
- ☐ 1. Only C-17 transport aircraft
 - ☐ 2. Only IL-78 aerial refuelers
 - ☐ 3. Only Su-30 MKI fighters
 - ☒ 4. Su-30 MKI fighters, IL-78 aerial refuelers and C-17 transport aircraft

Q.52 Which of the following crops is associated with plantation agriculture in India?

- Ans**
- ☒ 1. Tea
 - ☐ 2. Wheat
 - ☐ 3. Cotton
 - ☐ 4. Bajra

Q.53 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Num ber/sy mbol	@	4	2	+	8	-	÷	6	7	%	5	\$	#	&
Code	P	V	A	R	Z	I	E	H	L	O	J	C	B	Q

Conditions:

If the first and the last elements are symbols, then the codes for these two (the first and the last element) are to be interchanged.

If the third element is a prime number, then the third element is to be coded as γ.

If the fifth element is a multiple of 4, then the fifth element is to be coded as β.

What will be the code for the following group?

4 6 ÷ % 8

- Ans**
- ☐ 1. γHYOβ
 - ☐ 2. BHEOZ
 - ☐ 3. VHEOZ
 - ☒ 4. VHEOβ

Q.54 The average weight of 14 boys in a class is 40.25 kg and that of the remaining 4 boys is 38 kg. Find the average weight (in kg, rounded off to two decimal place) of all the boys in the class.

- Ans**
- ☐ 1. 40.75
 - ☒ 2. 39.75
 - ☐ 3. 41.75
 - ☐ 4. 38.75

Q.55 Each of the digits in the number 73412968 is arranged in the descending order from left to right. Which of the following digits will be fifth from the right in the new number thus formed?

- Ans**
- ☐ 1. 4
 - ☐ 2. 7
 - ☒ 3. 6
 - ☐ 4. 3

Q.56 A grocer marked his goods at 60% above their cost price and sold them at a discount of X%. If he gained 52% profit, then find the value of X.

- Ans**
- ☐ 1. 2
 - ☐ 2. 3
 - ☐ 3. 7
 - ☒ 4. 5

Q.57 When initiating a new presentation in MS PowerPoint, which of the following is the most accurate description of the 'Design Ideas' feature's primary function?

- Ans**
- ☐ 1. To provide real-time collaboration tools for multiple users working on the same presentation simultaneously
 - ☒ 2. To suggest various pre-designed templates and layouts based on the content on the current slide
 - ☐ 3. To automatically translate the presentation content into multiple languages
 - ☐ 4. To automatically populate slides with relevant content based on the presentation topic

Q.58 What significant announcement did Vandana Katariya, who holds the record for the most international caps in Indian women's hockey history, make in April, 2025?

- Ans**
- ☐ 1. Her decision to join a new hockey team
 - ☐ 2. Her appointment as the captain of the Indian women's hockey team
 - ☒ 3. Her retirement from international hockey
 - ☐ 4. Her participation in the upcoming Olympics

Q.59 What should come in place of the question mark (?) in the given series?
216, 182, 152, 126, 104, ?

- Ans**
- ☒ 1. 86
 - ☐ 2. 81
 - ☐ 3. 72
 - ☐ 4. 78

Q.60 Five times the present age of Vashnavi is 18 years more than seven times the present age of Sooraj, and eight times the present age of Sooraj is 17 years less than five times the present age of Vashnavi. What is the sum of the present ages (in years) of Vashnavi and Sooraj?

- Ans**
- ☐ 1. 9
 - ☒ 2. 6
 - ☐ 3. 4
 - ☐ 4. 10

Q.61 Who is the author of the 2025 novel Dream Count?

- Ans**
- ☐ 1. Philip Pullman
 - ☒ 2. Chimamanda Ngozi Adichie
 - ☐ 3. Dan Brown
 - ☐ 4. Ocean Vuong

Q.62 Three taps A, B and C together can fill an empty cistern in 20 minutes. Tap A alone can fill it in 50 minutes and tap B alone in 60 minutes. How long will tap C alone take to fill it (in minutes)?

- Ans**
- ☐ 1. 72
 - ☐ 2. 80
 - ☒ 3. 75
 - ☐ 4. 70

Q.63 PSKO is related to ILDH in a certain way based on the English alphabetical order. In the same way, RUMQ is related to KNFJ. To which of the given options is TWOS related, following the same logic?

- Ans**
- ☐ 1. PMLH
 - ☐ 2. MPLH
 - ☐ 3. PMHL
 - ☒ 4. MPHL

Q.64 A car covers a distance of 1032 km in 8 hours. The speed of a train is double the speed of the car. One-third the speed of the train is equal to the speed of a bike. How much distance will the bike cover in 17 hours?

- Ans**
- ☒ 1. 1462 km
 - ☐ 2. 1460 km
 - ☐ 3. 1452 km
 - ☐ 4. 1458 km

Q.65 The mean of data is 56, and its median is 76. The mode (using empirical relation) of the data is:

- Ans**
- ☐ 1. 105
 - ☐ 2. 203
 - ☒ 3. 116
 - ☐ 4. 93

Q.66 The famous building 'Qutub Minar' has been built under which style of architecture?

- Ans**
- ☐ 1. Seljuk Style
 - ☐ 2. Mughal Style
 - ☒ 3. Mamulek Style
 - ☐ 4. Sharqi Style

Q.67 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: VTP :: KIE : %

- Ans**
- ☒ 1. # = QOK, % = PNJ
 - ☐ 2. # = QNK, % = PUY
 - ☐ 3. # = LOY, % = PKJ
 - ☐ 4. # = RTK, % = PKJ

Q.68 In a certain code language, 'SOUP' is coded as '5173' and 'PINT' is coded as '4216'. What is the code for 'P' in the given code language?

- Ans** ☒ 1. 1
☐ 2. 6
☐ 3. 4
☐ 4. 3

Q.69 The simplified value of $74 - 3 \times (21 + 15) + 36$ is:

- Ans** ☐ 1. -5
☐ 2. 6
☐ 3. 11
☒ 4. 2

Q.70 British land revenue policies were deeply exploitative. Under which system were landlords required to pay a fixed revenue regardless of crop yield?

- Ans** ☐ 1. Mahalwari
☐ 2. Ryotwari
☐ 3. Indian revenue system
☒ 4. Zamindari

Q.71 Which Edition of the European Political Community Summit was held in November 2024?

- Ans** ☐ 1. 7th
☐ 2. 4th
☒ 3. 5th
☐ 4. 6th

Q.72 In a certain code language,

'A + B' means 'A is the son of B',
'A - B' means 'A is the brother of B',
'A × B' means 'A is the wife of B' and
'A ÷ B' means 'A is the father of B'.

How is S related to H if ' $S + D - F \times G \div H$ '?

- Ans** ☐ 1. Mother's sister's son
☐ 2. Father's brother's son
☒ 3. Mother's brother's son
☐ 4. Father's sister's son

Q.73 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

LOK 4, JMI 9, HKG 25, FIE 49, ?

- Ans** ☐ 1. DGC 169
☒ 2. DGC 121
☐ 3. DFC 121
☐ 4. DGC 81

Q.74 The least number which, when diminished by 7, is divisible by 16, 20, 10 and 27 is:

- Ans** ☐ 1. 2155
☐ 2. 2146
☒ 3. 2167
☐ 4. 2216

Q.75 In which year did the Dutch East India Company establish its factory at Petapuli on the North Coromandel Coast?

- Ans**
- ☒ 1. 1606
 - ☐ 2. 1699
 - ☐ 3. 1532
 - ☐ 4. 1457

Q.76 Mr. GHI starts from Point A and drives 16 km towards the east. He then takes a right turn, drives 18 km, turns right and drives 26 km. He then takes a right turn and drives 26 km. He takes a final right turn, drives 10 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified)

- Ans**
- ☐ 1. 5 km to the south
 - ☒ 2. 8 km to the south
 - ☐ 3. 6 km to the west
 - ☐ 4. 4 km to the west

Q.77 In what time (in years) will ₹2,800 fetch an interest of ₹700 at 5% per year simple interest?

- Ans**
- ☐ 1. 6
 - ☒ 2. 5
 - ☐ 3. 7
 - ☐ 4. 8

Q.78 A pipe can fill a tank in 8 hours. Another pipe can empty the filled tank in 16 hours. If both the pipes are opened simultaneously, then the time (in hours) in which the tank will be three-fourth filled, is:

- Ans**
- ☐ 1. 24
 - ☒ 2. 12
 - ☐ 3. 48
 - ☐ 4. 36

Q.79 In December 2024, which government project won the SKOCH Award for excellence in forest management?

- Ans**
- ☐ 1. Social Forestry Schemes of Madhya Pradesh
 - ☒ 2. Nagaland Forest Management Project
 - ☐ 3. Van Bandhu Kalyan Yojana
 - ☐ 4. Green India Mission

Q.80 Which Indian naval ship visited Port Louis, Mauritius, in March 2025 to participate in the 57th National Day celebrations?

- Ans**
- ☒ 1. INS Imphal
 - ☐ 2. INS Chennai
 - ☐ 3. INS Kolkata
 - ☐ 4. INS Vikrant

Q.81 The Western Coastal Plains are narrower and lie between which features?

- Ans**
- ☐ 1. Himalayas and Indian Ocean
 - ☐ 2. Vindhya Range and Arabian Sea
 - ☐ 3. Eastern Ghats and Bay of Bengal
 - ☒ 4. Western Ghats and Arabian Sea

Q.82 Which of the following caves contain rock cut paintings dating back to the stone age era?

- Ans**
- ☒ 1. Ajanta caves
 - ☒ 2. Ellora caves
 - ☒ 3. Bhimbetka caves
 - ☒ 4. Barabar caves

Q.83 Which of the following is a disproportionation reaction?

- Ans**
- ☒ 1. $\text{Cl}_2 + \text{H}_2\text{O} \rightarrow \text{HCl} + \text{HOCl}$
 - ☒ 2. $\text{Cu} + \text{HNO}_3 \rightarrow \text{Cu}(\text{NO}_3)_2 + \text{NO}_2 + \text{H}_2\text{O}$
 - ☒ 3. $\text{Zn} + \text{HCl} \rightarrow \text{ZnCl}_2 + \text{H}_2$
 - ☒ 4. $2\text{Na} + \text{Cl}_2 \rightarrow 2\text{NaCl}$

Q.84 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statement(s) is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statement:

All grapes are apples.

All apples are kiwis.

Some kiwis are bananas.

Conclusion:

(I) All apples are bananas.

(II) Some kiwis are grapes.

- Ans**
- ☒ 1. Only conclusion (II) follows.
 - ☒ 2. Only conclusion (I) follows.
 - ☒ 3. Neither conclusion (I) nor (II) follows.
 - ☒ 4. Both conclusions I and II follow.

Q.85 Which of the following tribal communities was primarily involved in the Chuar Rebellion in the Jungle Mahals region?

- Ans**
- ☒ 1. Bhils
 - ☒ 2. Khasis
 - ☒ 3. Kols
 - ☒ 4. Bhumji

Q.86 What should come in place of the question mark (?) in the given series?

1512 1520 1530 1542 1556 ?

- Ans**
- ☒ 1. 1576
 - ☒ 2. 1574
 - ☒ 3. 1570
 - ☒ 4. 1572

Q.87 Which of the given letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: GLO :: INQ : %

- Ans**
- ☒ 1. # = BGJ, % = NSV
 - ☒ 2. # = BPU, % = MTG
 - ☒ 3. # = DFR, % = NPY
 - ☒ 4. # = EDG, % = MGW

Q.88 If 22% of a number is equal to $\frac{4}{9}$ th of another number, what is the ratio of the first number to the second number?

- Ans
- ☐ 1. 199 : 101
 - ☐ 2. 198 : 97
 - ☒ 3. 200 : 99
 - ☐ 4. 201 : 98

Q.89 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.

BACK - ABCK - BCKA
MINO - IMNO - MNOI

- Ans
- ☒ 1. TEAR - ETAR - TARE
 - ☐ 2. RANK - ARNK - ANKR
 - ☐ 3. CLIP - LCIP - PLIC
 - ☐ 4. CAGE - CGAE - EGAC

Q.90 If A's salary is 51% more than that of B, then by what percentage is B's salary less than that of A (correct to two decimal places)?

- Ans
- ☐ 1. 32.75%
 - ☐ 2. 34.80%
 - ☒ 3. 33.77%
 - ☐ 4. 36.52%

Q.91 The median of the observations 85, 62, 20, 72, 20, 43, 35, 90, 68, 56 and 79 is:

- Ans
- ☐ 1. 68
 - ☐ 2. 56
 - ☐ 3. 72
 - ☒ 4. 62

Q.92 Each of the digits in the number 257461398 is arranged in ascending order from left to right. What will be the sum of the digits that are second from the left and third from the right in the new number thus formed?

- Ans
- ☐ 1. 10
 - ☒ 2. 9
 - ☐ 3. 8
 - ☐ 4. 11

Q.93 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans
- ☐ 1. NVYE
 - ☒ 2. YGIP
 - ☐ 3. HPSY
 - ☐ 4. AILR

Q.94 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(29, 53, 24)

(12, 32, 20)

- Ans**
- ☒ 1. (49, 71, 19)
 - ☒ 2. (47, 75, 25)
 - ☒ 3. (46, 60, 14)
 - ☒ 4. (24, 40, 13)

Q.95 $\frac{1}{20}$ is what percentage of $\frac{1}{30}$?

- Ans**
- ☒ 1. 160%
 - ☒ 2. 165%
 - ☒ 3. 150%
 - ☒ 4. 300%

Q.96 In quadrilateral PQRS, the bisectors of $\angle R$ and $\angle S$ meet at point T (inside the quadrilateral), and $\angle STR = 8^\circ$. If the ratio of $\angle P$ to $\angle Q$ is 7 : 9, then what is the difference between the measures of $\angle Q$ and $\angle P$?

- Ans**
- ☒ 1. 4°
 - ☒ 2. 5°
 - ☒ 3. 7°
 - ☒ 4. 2°

Q.97 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

HL27 GK38 FJ49 EI60 ?

- Ans**
- ☒ 1. DG72
 - ☒ 2. DH71
 - ☒ 3. DH72
 - ☒ 4. DG71

Q.98 By selling cloth at ₹483/m, a shopkeeper loses 31%. Find the rate (in ₹/m) at which it should be sold so as to earn a profit of 34%.

- Ans**
- ☒ 1. 938
 - ☒ 2. 937
 - ☒ 3. 939
 - ☒ 4. 935

Q.99 When you reuse slides from another presentation in MS PowerPoint 365, which of the following options ensures the imported slides retain their original formatting?

- Ans**
- ☒ 1. Copy and paste the slides
 - ☒ 2. Apply the destination theme after inserting
 - ☒ 3. Click 'Keep Source Formatting' in the Reuse Slides pane
 - ☒ 4. Import slides as images to lock their look

Q.100 Which prominent Indian freedom fighter was imprisoned in Mandalay Jail, Burma?

- Ans**
- ☐ 1. Subhas Chandra Bose
 - ☐ 2. Mahatma Gandhi
 - ☒ 3. Bal Gangadhar Tilak
 - ☐ 4. Jawaharlal Nehru



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	iON Digital Zone iDZ Tirunelveli
Test Date	23/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 Which country's football federation had its FIFA suspension lifted in May 2025 after resolving issues related to third-party interference?

- Ans**
- ☒ 1. Republic of the Congo
 - ☐ 2. Cameroon
 - ☐ 3. Democratic Republic of the Congo
 - ☐ 4. Nigeria

Q.2 Simplify the following:

$$1\frac{4}{9} \times 5\frac{2}{9} \times 324 + 9\frac{3}{4}$$

- Ans**
- ☐ 1. 2452.85
 - ☒ 2. 2453.75
 - ☐ 3. 2451.25
 - ☐ 4. 2477.55

Q.3 According to the Ministry of Finance, States' SGST revenue, including compensation released to States, in the post-GST period of 2017-18 to 2022-23 has achieved a tax buoyancy of ____.

- Ans**
- ☐ 1. zero
 - ☐ 2. less than 1
 - ☒ 3. more than 1
 - ☐ 4. greater than 10

Q.4 In March 2025, researchers from Northwestern University identified which smartwatch-based metric as a useful predictor of cardiovascular health risks?

- Ans**
- ☐ 1. Wearable Activity Pressure Estimate Scale (WAPES)
 - ☐ 2. Weekly Step-to-Cardiac Output Index (WSCO)
 - ☐ 3. Resting Pulse-to-Movement Ratio (RPMR)
 - ☒ 4. Daily Heart Rate Per Step (DHRPS)

Q.5 If $\frac{x+1}{x} = 17$ then $\frac{x^2+1}{x^2}$ is:

- Ans**
- ☐ 1. 279
 - ☒ 2. 287
 - ☐ 3. 288
 - ☐ 4. 277

Q.6 Under its original jurisdiction, the Supreme Court of India can adjudicate disputes between:

- Ans**
- ☐ 1. A state government and a private corporation
 - ☐ 2. Two private citizens from different states
 - ☐ 3. Two municipal corporations of different states
 - ☒ 4. The Centre and one or more states

Q.7 Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.

JOL : FRO

MKH : INK

- Ans**
- ☒ 1. HPD : DSG
 - ☐ 2. RME : NPG
 - ☐ 3. NRF : JUH
 - ☐ 4. LOA : HSD

Q.8 The last ruler of the Shunga dynasty was:

- Ans**
- ☒ 1. Devabhuti
 - ☐ 2. Vasumitra
 - ☐ 3. Bhagabhadra
 - ☐ 4. Agnimitra

Q.9 The crest of a wave is the point where the disturbance is at:

- Ans**
- ☒ 1. maximum point
 - ☐ 2. minimum point
 - ☐ 3. zero point
 - ☐ 4. constant point

Q.10 What is the term for elected members serving on the board of a co-operative society?

- Ans**
- ☐ 1. 6 years
 - ☐ 2. 3 years
 - ☐ 3. 4 years
 - ☒ 4. 5 years

Q.11 A (x, 5), B (3, - 4) and C (- 6, y) are the three vertices of a triangle ABC. If (3.5, 4.5) is the centroid of the triangle, find the point (x + 3, y - 4).

- Ans**
- ☐ 1. (13.5, 12.5)
 - ☐ 2. (15.5, 9.5)
 - ☒ 3. (16.5, 8.5)
 - ☐ 4. (8.5, 16.5)

Q.12 Vikram, Anjali and Raj started a business in partnership, investing in the ratio of 7 : 3 : 20, respectively. At the end of the year, they earned a profit of ₹28,800, which is 25% of their total investment. How much did Anjali invest (in ₹)?

- Ans**
- ☐ 1. ₹11,564
 - ☐ 2. ₹11,682
 - ☐ 3. ₹11,472
 - ☒ 4. ₹11,520

Q.13 Seven people, A, B, L, M, N, S, and T are sitting in a row, facing north. Only two people sit to the right of T. Only two people sit between T and N. Only two people sit between M and A. A sits to the immediate left of T. B sits to the immediate right of S.

Who sits at third position from the left end of the line?

- Ans**
- ☐ 1. D
 - ☐ 2. A
 - ☐ 3. T
 - ☒ 4. L

Q.14 The profit made on a product is 79%. What is the loss percentage (correct to two decimal places) incurred on the sale if the figures of both the cost price and the selling price are interchanged?

- Ans**
- ☐ 1. 46.79%
 - ☐ 2. 45.18%
 - ☐ 3. 45.77%
 - ☒ 4. 44.13%

Q.15 Who handled judicial matters in the provinces during the reign of the Gupta Empire?

- Ans**
- ☒ 1. Uparika
 - ☐ 2. Ayuktaka
 - ☐ 3. Gramika
 - ☐ 4. King

Q.16 Which team did Vidarbha defeat in the 2024-25 Ranji Trophy final?

- Ans**
- ☐ 1. Mumbai
 - ☒ 2. Kerala
 - ☐ 3. Tamil Nadu
 - ☐ 4. Bengal

Q.17 In a certain code language, 'NEST' is coded as '4683' and 'SOUP' is coded as '2319'. What is the code for 'S' in the given code language?

- Ans**
- ☒ 1. 3
 - ☐ 2. 2
 - ☐ 3. 1
 - ☐ 4. 9

Q.18 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. LJ – EZ
 - ☐ 2. GE – ZU
 - ☒ 3. PN – JD
 - ☐ 4. QO – JE

Q.19 Which keyboard shortcut is used to cut (move) text in MS Word?

- Ans**
- ☐ 1. Ctrl + V
 - ☒ 2. Ctrl + X
 - ☐ 3. Ctrl + C
 - ☐ 4. Ctrl + Z

Q.20 YAGK is related to PRXB in a certain way based on the English alphabetical order. In the same way, OQWA is related to FHNK. To which of the following options is NPVZ related, following the same logic?

- Ans**
- ☒ 1. EGMQ
 - ☐ 2. EQGM
 - ☐ 3. EQMG
 - ☐ 4. EGQM

Q.21 What should come in place of the question mark (?) in the given series?
21, 52, 87, 126, 169, ?

- Ans**
- ☒ 1. 216
 - ☐ 2. 227
 - ☐ 3. 232
 - ☐ 4. 221

Q.22 Which of the following provisions are covered under Article 4 of the Constitution of India?

- Ans**
- ☐ 1. Fundamental Rights
 - ☐ 2. Financial Powers
 - ☒ 3. Laws for reorganisation of states
 - ☐ 4. Emergency Provisions

Q.23 Which hill station is located in the Nilgiri Hills?

- Ans**
- ☐ 1. Mussoorie
 - ☒ 2. Ooty
 - ☐ 3. Darjeeling
 - ☐ 4. Shimla

Q.24 Which of the following movements, though initially religious in nature, later evolved into a peasant movement under the leadership of Dudu Miyan, son of Haji Shariatullah?

- Ans**
- ☐ 1. Bhil Uprising
 - ☐ 2. Wahabi Movement
 - ☐ 3. Mappila Uprising
 - ☒ 4. Farazi Movement

Q.25 If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 8146752, what will be the difference between the last and first digits from the left in the new number thus formed?

- Ans**
- ☐ 1. 5
 - ☐ 2. 3
 - ☒ 3. 6
 - ☐ 4. 4

Q.26 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. QUXD
 - ☐ 2. NRUA
 - ☒ 3. DGKQ
 - ☐ 4. GKNT

Q.27 Which of the following statements about the PM Electric Drive Revolution in Innovative Vehicle Enhancement (PM E-DRIVE) Scheme launched in 2024 is/are correct?

The scheme will remain in force until 31 March 2026.

One of the key aims of PM E-DRIVE is to provide direct subsidies to petrol and diesel vehicles to improve their fuel efficiency.

The scheme includes provisions to support the development of EV charging infrastructure.

PM E-DRIVE focuses exclusively on private vehicle ownership.

Ans ☒ 1. Only 1 and 3

☒ 2. Only 1, 3 and 4

☒ 3. Only 1

☒ 4. 2 and 4

Q.28 Consider the following statements regarding the Africa India Key Maritime Engagement (AIKEYME) conducted in mid-April 2025.

AIKEYME is a multilateral exercise co-hosted by the Indian Navy and Tanzania Peoples' Defence Force (TPDF).

The exercise was planned in Maputo, Mozambique, and tackled maritime security threats like piracy.

The exercise happened in two phases: the Harbour Phase included training on Seamanship and Visit Board Search and Seizure (VBSS), while the Sea Phase included Small Arms firing, Helicopter Operations and Search and Rescue.

Which of the above statements are correct?

Ans ☒ 1. Only 1 and 3

☒ 2. 1, 2 and 3

☒ 3. Only 1 and 2

☒ 4. Only 3

Q.29 If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 2756493, then which of the following digits will be second from the left in the new number thus formed?

Ans ☒ 1. 5

☒ 2. 6

☒ 3. 1

☒ 4. 3

Q.30 By how much is 60% of 40 greater than $\frac{2}{5}$ of 55?

Ans ☒ 1. 1

☒ 2. 3

☒ 3. 2

☒ 4. 4

Q.31 If $a^2 + b^2 = 90$ and $ab = 27$, then find the possible value of $\frac{a+b}{a-b}$.

Ans ☒ 1. 2

☒ 2. 3

☒ 3. 1

☒ 4. 4

Q.32 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

TWY RUW PSU NQS ?

- Ans ☒ 1. LOQ
☐ 2. LOR
☐ 3. LPR
☐ 4. LPQ

Q.33 A student scored the following marks: 78, 85, 69, and 90 in four subjects. What score is required in the fifth subject to achieve an average of 80 marks across all five subjects?

- Ans ☐ 1. 82
☒ 2. 78
☐ 3. 88
☐ 4. 94

Q.34 The volume and height of a cylinder are 8470 cm^3 and 2.2 cm, respectively. Find the radius (in cm) of the cylinder.

$$\text{Use } \pi = \frac{22}{7}$$

- Ans ☐ 1. 38
☒ 2. 35
☐ 3. 26
☐ 4. 44

Q.35 As per the Monetary Policy Statement, 2025-26, the Consumer Price Index (CPI) inflation for the financial year 2025-26 is projected at what percentage?

- Ans ☐ 1. 6.0%
☐ 2. 5.4%
☒ 3. 4.0%
☐ 4. 5.8%

Q.36 Which state had the highest multidimensional poverty index according to the National Multidimensional Poverty Index 2023?

- Ans ☐ 1. Rajasthan
☐ 2. Madhya Pradesh
☐ 3. Uttar Pradesh
☒ 4. Bihar

Q.37 15 chairs and 19 tables cost ₹5,300 and 19 chairs and 19 tables cost ₹5,700. What is the cost of 12 chairs and 13 tables?

- Ans ☒ 1. ₹3,800
☐ 2. ₹3,801
☐ 3. ₹3,799
☐ 4. ₹3,795

Q.38 In a certain code language, 'YOUR' is coded as '5683' and 'UNIT' is coded as '2519'. What is the code for 'U' in the given code language?

- Ans ☐ 1. 8
☐ 2. 9
☒ 3. 5
☐ 4. 2

Q.39 The shorter side of a rectangle is 21 cm less than the longer side. The numerical value of its area is equal to 7 times the numerical value of its perimeter. What is the length (in cm) of its longer side?

- Ans**
- ☒ 1. 47
 - ☒ 2. 42
 - ☒ 3. 56
 - ☒ 4. 39

Q.40 Seven boxes, G, H, I, J, O, P and Q, are kept one over the other but not necessarily in the same order. Only two boxes are kept below Q. Only one box is kept above G. Only one box is kept between G and H. I is kept immediately above J. P is kept at some place below O. How many boxes are kept between O and I?

- Ans**
- ☒ 1. Two
 - ☒ 2. Three
 - ☒ 3. One
 - ☒ 4. Four

Q.41 The ratio of the lengths of two corresponding sides of two similar triangles is 3 : 10. The ratio of the areas of these two triangles, in the order mentioned, is:

- Ans**
- ☒ 1. 10 : 101
 - ☒ 2. $3\sqrt{3} : 10$
 - ☒ 3. 9 : 100
 - ☒ 4. 3 : 10

Q.42 If 'P' stands for '×', 'Q' stands for '+', 'R' stands for '-' and 'S' stands for '+', then what will come in place of the question mark (?) in the following equation?

$$(11 \ S \ 7) \ P \ 3 \ R \ 41 \ S \ 8 \ P \ 12 \ R \ 54 = ?$$

- Ans**
- ☒ 1. 70
 - ☒ 2. 32
 - ☒ 3. 40
 - ☒ 4. 55

Q.43 Simplify: $\frac{\cot \theta}{\operatorname{cosec} \theta + 1} + \frac{\operatorname{cosec} \theta + 1}{\cot \theta}$

- Ans**
- ☒ 1. $2 \sin \theta$
 - ☒ 2. $2 \operatorname{cosec} \theta$
 - ☒ 3. $2 \cos \theta$
 - ☒ 4. $2 \sec \theta$

Q.44 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

LOH 1, JMG 8, HKF 27, FIE 64, ?

- Ans**
- ☒ 1. DCD 144
 - ☒ 2. DFD 125
 - ☒ 3. DGD 125
 - ☒ 4. DAD 144

Q.45 In a certain code language,

A + B means 'A is the son of B',
A - B means 'A is the sister of B',
A x B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

Based on the above, how is E related to K if 'E + F - G ÷ H x K'?

- Ans**
- ☐ 1. Wife's father's brother's son
 - ☐ 2. Wife's mother's sister's son
 - ☐ 3. Wife's mother's brother's son
 - ☒ 4. Wife's father's sister's son

Q.46 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(Note: All numbers are single digit numbers only.)

(Left) € & % & 5 6 3 1 © 1 4 6 @ £ @ \$ 8 8 £ 8 % 1 (Right)

How many such numbers are there, each of which is immediately preceded by a symbol and also immediately followed by a symbol?

- Ans**
- ☐ 1. 2
 - ☒ 2. 1
 - ☐ 3. 3
 - ☐ 4. 0

Q.47 India's trade structure under British colonial rule was molded to serve the economic interests of Britain. Which of the following best describes India's trade structure at the eve of Independence?

- Ans**
- ☐ 1. Balanced two-way trade with Europe only
 - ☐ 2. Export of industrial goods, import of food
 - ☒ 3. Export of raw materials, import of manufactured goods
 - ☐ 4. Export of capital, import of labour

Q.48 Which of the following statements about DNA and RNA is true?

- Ans**
- ☐ 1. DNA is not present in viruses.
 - ☒ 2. RNA has multiple roles including catalytic functions.
 - ☐ 3. RNA acts solely as genetic material in all living organisms.
 - ☐ 4. DNA acts only as a messenger molecule.

Q.49 In what time (in years) will ₹2,500 fetch an interest of ₹1,000 at 10% per year simple interest?

- Ans**
- ☐ 1. 7
 - ☐ 2. 5
 - ☐ 3. 6
 - ☒ 4. 4

Q.50 A sum of ₹x amounts to ₹83,853 in $2\frac{1}{2}$ years at 12% p.a., interest

- Ans
- ☐ 1. 64,000
 - ☒ 2. 63,000
 - ☐ 3. 61,000
 - ☐ 4. 62,000

Q.51 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. T has the exam immediately after P. R has the exam before S but after V. Q has the exam on Sunday. Only four people have exams between P and U. How many people have exams between V and P?

- Ans
- ☐ 1. Four
 - ☐ 2. Three
 - ☐ 3. Two
 - ☒ 4. One

Q.52 If $a : b :: b : c$, $c = 9a$ and $b = 6$, then find the positive value of c .

- Ans
- ☐ 1. 17
 - ☐ 2. 22
 - ☒ 3. 18
 - ☐ 4. 15

Q.53 Which of the following is the smallest inhabited island in the Union Territory of Lakshadweep?

- Ans
- ☐ 1. Kavaratti
 - ☐ 2. Agatti
 - ☒ 3. Bitra
 - ☐ 4. Minicoy

Q.54 What should come in place of the question mark (?) in the given series?

1312 1320 1330 1342 1356 ?

- Ans
- ☐ 1. 1370
 - ☒ 2. 1372
 - ☐ 3. 1374
 - ☐ 4. 1368

Q.55 Mukesh sold a car for ₹1,20,000 at 40% loss. For what price (in ₹) should he sell the car to gain 55% profit?

- Ans
- ☐ 1. 3,09,998
 - ☒ 2. 3,10,000
 - ☐ 3. 3,09,999
 - ☐ 4. 3,10,002

Q.56 Mr. STU starts from Point A and drives 33 km towards the east. He then takes a left turn, drives 21 km, turns left and drives 41 km. He then takes a left turn and drives 41 km. He takes a final left turn, drives 8 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified)

- Ans
- ☐ 1. 12 km to the south
 - ☒ 2. 20 km to the north
 - ☐ 3. 17 km to the north
 - ☐ 4. 13 km to the east

Q.57 Which of the following is a key river in the Thar Desert region?

- Ans**
- ☐ 1. Yamuna river
 - ☐ 2. Ghaggar river
 - ☐ 3. Sutlej river
 - ☒ 4. Luni river

Q.58 X varies inversely as Y and Y varies inversely as Z. In a particular case

$X = \frac{1}{16}$ and $Z = \frac{1}{32}$. What will be the value of X when $Z = 3$?



- Ans**
- ☐ 1. 9
 - ☐ 2. 7
 - ☒ 3. 6
 - ☐ 4. 8

Q.59 The popular music of Bengal, which represents spiritual folk song, is known as:

- Ans**
- ☐ 1. Bhakha
 - ☐ 2. Wanawan
 - ☒ 3. Baul
 - ☐ 4. Ovi

Q.60 In October 2024, India and Pakistan agreed to extend the Kartarpur Corridor agreement for how many additional years?

- Ans**
- ☐ 1. 10
 - ☐ 2. 3
 - ☒ 3. 5
 - ☐ 4. 7

Q.61 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 5 @ 6 # 8 \$ % 1 9 ^ 7 < 2 3 > 4 (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by another number?

- Ans**
- ☐ 1. Three
 - ☐ 2. Two
 - ☒ 3. More than three
 - ☐ 4. One

Q.62 Who among the following wrote the book 'I am a Soldier's wife'?

- Ans**
- ☐ 1. Soumitra Chatterjee
 - ☐ 2. Dr. Aishwarya Pandit
 - ☒ 3. Geetika Lidder
 - ☐ 4. Namita Gokhale

Q.63 Firoz ranked 38th from the top and 28th from the bottom in his class. How many students are there in his class?

- Ans**
- ☐ 1. 66
 - ☐ 2. 64
 - ☒ 3. 65
 - ☐ 4. 63

Q.64 A and B complete a work in 2 days. If A alone can do it in 38 days, then B alone can do 9-times of the same work in _____ days.

- Ans
- ☐ 1. 10
 - ☒ 2. 19
 - ☐ 3. 20
 - ☐ 4. 9

Q.65 What is the nature of wavefront from a point source in an isotropic medium?

- Ans
- ☒ 1. Spherical
 - ☐ 2. Cylindrical
 - ☐ 3. Elliptical
 - ☐ 4. Plane

Q.66 A, B, L, M, S, T and Z are sitting around a circular table facing the centre. T sits third to the left of S. M sits second to the left of A. Only S sits between L and M. B is not an immediate neighbour of T. How many people sit between Z and M when counted from the right of Z?

- Ans
- ☐ 1. 3
 - ☐ 2. 1
 - ☒ 3. 2
 - ☐ 4. 4

Q.67 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.

WORK - OWRK - KOWR
FERN - EFRN - NEFR

- Ans
- ☐ 1. QUIT - UQIT - TUIQ
 - ☒ 2. WIND - IWND - DIWN
 - ☐ 3. RATE - ARTE - ATER
 - ☐ 4. DRUM - DURM - MURD

Q.68 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All bottles are glasses.
No glasses are plates.
Some plates are spoons.

Conclusion (I) No bottles are plates.
Conclusion (II) No spoons are glasses.

- Ans
- ☐ 1. Neither Conclusion (I) nor (II) is true
 - ☐ 2. Only Conclusion (II) is true
 - ☐ 3. Both Conclusion (I) and (II) are true
 - ☒ 4. Only Conclusion (I) is true

Q.69 Consider the following statements regarding the Minimum Alternate Tax (MAT) in Indian tax regime.

1. MAT is calculated at 15% on the book profit or at the usual corporate rates, and whichever is lower is payable as tax.
2. Only domestic companies in India fall under this provision.
3. MAT is an important tool with which tax avoidance can be prevented.

Which of the statements given above is/are correct?

- Ans**
- ☐ 1. 1, 2 and 3
 - ☐ 2. Only 1 and 3
 - ☒ 3. Only 3
 - ☐ 4. Only 1 and 2

Q.70 Which Article of the Constitution of India provides guidelines for states to make laws on the protection of monuments and objects of national importance?

- Ans**
- ☐ 1. Article 50
 - ☐ 2. Article 48
 - ☐ 3. Article 48 A
 - ☒ 4. Article 49

Q.71 Find the roots of the quadratic equation $5x^2 - 12x - 17 = 0$.

- Ans**
- ☒ 1. $-1, \frac{17}{5}$
 - ☐ 2. $1, \frac{17}{5}$
 - ☐ 3. $-1, \frac{-17}{5}$
 - ☐ 4. $1, \frac{-17}{5}$

Q.72 What is the significance of PowerPoint's "Protected View", while opening a downloaded file?

- Ans**
- ☐ 1. Macros are enabled automatically
 - ☐ 2. The file is corrupted
 - ☐ 3. The presentation is encrypted and cannot be viewed
 - ☒ 4. It opens the file in a read-only mode, disabling most editing features

Q.73 The LCM of 48, 88 and another number, x, is 4752. Which of the following can be the value of x?

- Ans**
- ☒ 1. 216
 - ☐ 2. 202
 - ☐ 3. 123
 - ☐ 4. 307

Q.74 Where was the 67th Governing Body Meeting of the Asian Productivity Organization (APO) held in May 2025?

- Ans**
- ☐ 1. Tokyo, Japan
 - ☒ 2. Jakarta, Indonesia
 - ☐ 3. New Delhi, India
 - ☐ 4. Bangkok, Thailand

Q.75 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: MTZ :: KRX : %

- Ans**
- ☐ 1. # = HYU, % = PWC
 - ☐ 2. # = HOU, % = PWP
 - ☒ 3. # = HOU, % = PWC
 - ☐ 4. # = YOU, % = PWC

Q.76 The average of eight numbers is 80. Find the least number if it is $\frac{1}{16}$



- Ans**
- ☐ 1. 41
 - ☐ 2. 42
 - ☒ 3. 40
 - ☐ 4. 43

Q.77 If A's salary is 16% more than that of B, then by what percentage is B's salary less than that of A (correct to two decimal places)?

- Ans**
- ☐ 1. 15.05%
 - ☐ 2. 12.72%
 - ☒ 3. 13.79%
 - ☐ 4. 13.62%

Q.78 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 74135296, how many digits will appear more than once in the new number thus formed?

- Ans**
- ☐ 1. Two
 - ☐ 2. Four
 - ☒ 3. Three
 - ☐ 4. One

Q.79 The prince Swati Tirunal was a patron of which of the following dance forms?

- Ans**
- ☐ 1. Bharatanatyam
 - ☒ 2. Mohiniattam
 - ☐ 3. Kathakali
 - ☐ 4. Odissi

Q.80 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 - Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(23, 253, 11)

(46, 1104, 24)

- Ans**
- ☐ 1. (4, 11, 2)
 - ☒ 2. (25, 525, 21)
 - ☐ 3. (1, 12, 9)
 - ☐ 4. (25, 253, 10)

Q.81 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Numb er/sy mbol	6	÷	7	%	@	+	8	4	-	2	#	3	9	&
Code	P	E	S	H	W	Q	G	T	I	M	Z	A	V	R

Conditions:

If the first element is a prime number and the last element is an even number, then the codes for these two (first and last elements) are to be interchanged.

If the third element is a symbol, then it is to be coded as a.

If both the second and the fourth elements are perfect numbers, then the fourth number is to be coded as the code for the second element.

What will be the code for the following group?

3 ÷ 7 @ 4

- Ans**
- ✓ 1. TESWA
 - ✗ 2. AESWT
 - ✗ 3. AESWA
 - ✗ 4. TEAWA

Q.82 Which of the following statement(s) is/are correct regarding the Round Table Conferences held from 1930 to 1932?

(a) The Round Table Conferences were held to discuss Constitutional Reforms and India's future government under British rule.

(b) Mahatma Gandhi attended only the Second Round Table Conference in 1931.

- Ans**
- ✗ 1. Only (a)
 - ✗ 2. Neither (a) nor (b)
 - ✓ 3. Both (a) and (b)
 - ✗ 4. Only (b)

Q.83 In Linux OS, which command is used to rename a file from oldname.txt to newname.txt ?

- Ans**
- ✗ 1. touch oldname.txt newname.txt
 - ✗ 2. cp oldname.txt newname.txt
 - ✗ 3. Create oldname.txt newname.txt
 - ✓ 4. mv oldname.txt newname.txt

Q.84 A cistern can be filled with water by a pipe in 10 hours, and it can be emptied by a second pipe in 8 hours. If both the pipes are opened when the cistern is full, the time in which it will be emptied is:

- Ans**
- ✓ 1. 40 hours
 - ✗ 2. 42 hours
 - ✗ 3. 45 hours
 - ✗ 4. 44 hours

Q.85 The Kalapani dispute is between India and which of these?

- Ans**
- ✗ 1. Bhutan
 - ✗ 2. China
 - ✓ 3. Nepal
 - ✗ 4. Bangladesh

Q.86 Mr. D starts from Point P and drives 11 km towards the South. He then takes a left turn, drives 6 km, turns right and drives 12 km. He then takes a left turn and drives 1 km. He takes a final left turn derives 23 km and stops at Point Q. How far (shortest distance) and towards which direction should he drive in order to reach Point P again? (All turns are 90 degrees turns only unless specified.)

- Ans**
- ✓ 1. 7 km towards the West
 - ✗ 2. 4 km towards the South
 - ✗ 3. 7 km towards the East
 - ✗ 4. 3 km towards the North

Q.87 What was the name of the team that emerged victorious in the Aditya Birla Memorial Polo Cup 2025?

- Ans**
- ✗ 1. Jindal Panther
 - ✓ 2. Rajnigandha Achievers
 - ✗ 3. New Delhi Polo Team
 - ✗ 4. Aditya Birla Polo Team

Q.88 What happens if you start a new blank presentation while another presentation is already open in MS PowerPoint?

- Ans**
- ✗ 1. MS PowerPoint displays an error message.
 - ✗ 2. The slides from the current presentation are copied to the new one.
 - ✓ 3. A new MS PowerPoint window opens with the blank presentation.
 - ✗ 4. The current presentation closes automatically.

Q.89 The simplified value of $48 - (-18) \times (-60 - 72 - 92) \div [8 \times \{2 + (-6) \times (-9)\}]$ is:

- Ans**
- ✓ 1. 39
 - ✗ 2. 36
 - ✗ 3. 37
 - ✗ 4. 34

Q.90 A motorist covers a distance of 30 km in 50 minutes by moving at a speed of x km/hr for the first 13 minutes, then moving at the speed of 2x km/hr for the next 25 minutes and then again moving at the speed of x km/hr for the rest of the journey. The value of x is equal to:

- Ans**
- ✓ 1. 24
 - ✗ 2. 27
 - ✗ 3. 21
 - ✗ 4. 29

Q.91 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(Note: All numbers are single digit numbers only.)

(Left) & # © @ 7 2 5 1 4 © 4 2 £ & 9 1 % # 4 4 & 1 (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a number?

- Ans**
- ✗ 1. 0
 - ✗ 2. 1
 - ✓ 3. 2
 - ✗ 4. 3

Q.92 The successive discounts of 29%, 18% and 9% are equivalent to a single discount of:
(Rounded up to two decimal places.)

- Ans**
- ☒ 1. 47.02%
 - ☐ 2. 48.05%
 - ☐ 3. 44.35%
 - ☐ 4. 49.36%

Q.93 The median of the observations 87, 56, 27, 31, 13, 39, 18, 80, 98, 92 and 25 is:

- Ans**
- ☐ 1. 56
 - ☒ 2. 39
 - ☐ 3. 31
 - ☐ 4. 25

Q.94 Which of the following is a major challenge facing the development of inland waterways in India?

- Ans**
- ☐ 1. High levels of private investment
 - ☐ 2. Well-established infrastructure
 - ☐ 3. Minimal environmental concerns
 - ☒ 4. Lack of adequate terminal facilities

Q.95 Find the median from the following data.

Age in years	20-30	30-40	40-50	50-60	60-70	70-80	80-90
No. of patients	12	16	30	20	17	38	15

- Ans**
- ☐ 1. 74 years
 - ☒ 2. 58 years
 - ☐ 3. 46 years
 - ☐ 4. 49 years

Q.96 In 1610, the Dutch established a factory in which of the following places, which later became the headquarters of the Dutch directorate for the Coromandel region?

- Ans**
- ☐ 1. Bombay
 - ☐ 2. Cochin
 - ☐ 3. Surat
 - ☒ 4. Pulicat

Q.97 Which position within the Union Council of Ministers of India is immediately below the Prime Minister in hierarchy?

- Ans**
- ☒ 1. Cabinet Minister
 - ☐ 2. Minister of State
 - ☐ 3. Parliamentary Secretary
 - ☐ 4. Deputy Minister

Q.98 Which of the following best encapsulates the concept of a 'stored-program computer' as introduced by the Von Neumann architecture?

- Ans**
- ☐ 1. A computer that utilises separate memory units for data and instructions to optimise processing speed
 - ☐ 2. A computer that relies primarily on external storage devices for program execution
 - ☒ 3. A computer where both data and instructions are stored in the same primary memory for sequential execution
 - ☐ 4. A computer that can only execute a fixed set of instructions hardwired into its circuitry

Q.99 According to the Global Risks Perception Survey (GRPS) 2025, what percentage of respondents selected 'risk associated with extreme weather events' as a key concern for the year ahead?

- Ans**
- ☐ 1. 25%
 - ☐ 2. 22%
 - ☒ 3. 14%
 - ☐ 4. 20%

Q.100 A boat takes 27 minutes to go 37.2 km upstream. The ratio of the speed of the boat in still water to that of the stream is 8 : 5. How much total time (in hours) will the boat take to go 79.4 km upstream and 85.8 km downstream?

- Ans**
- ☐ 1. 4.2
 - ☐ 2. 3.9
 - ☒ 3. 1.2
 - ☐ 4. 2.6



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	R K Digital Computer Centre 2
Test Date	23/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 What is the main purpose of the Tab key on a standard keyboard?

- Ans**
- ☒ 1. To shift the cursor to the next field or tab position
 - ☐ 2. To remove text
 - ☐ 3. To close the active application
 - ☐ 4. To insert a forward slash

Q.2 F, G, H, K, L, and M live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on till the topmost floor, which is numbered 6. L lives on floor number 5. H lives on a floor above L. Only K lives below M. F lives on an even numbered floor. How many people live below G?

- Ans**
- ☐ 1. Four
 - ☐ 2. Three
 - ☒ 3. Two
 - ☐ 4. One

Q.3 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(7, 80, 22)
(43, 143, 19)

- Ans**
- ☐ 1. (11, 63, 15)
 - ☒ 2. (13, 89, 21)
 - ☐ 3. (25, 91, 15)
 - ☐ 4. (49, 139, 15)

Q.4 What should come in place of the question mark (?) in the given series?
173, 151, 131, 113, 97, ?

- Ans**
- ☐ 1. 76
 - ☐ 2. 68
 - ☒ 3. 83
 - ☐ 4. 91

Q.5 Mr. XYZ starts from Point A and drives 15 km towards the west. He then takes a left turn, drives 11 km, turns left and drives 19 km. He then takes a left turn and drives 16 km. He takes a final left turn, drives 4 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified)

- Ans**
- ☒ 1. 5 km to the south
 - ☐ 2. 5 km to the west
 - ☐ 3. 3 km to the east
 - ☐ 4. 3 km to the north

Q.6 The efficiency of gas exchange in the alveoli is primarily attributed to which structural characteristic?

- Ans**
- ☐ 1. Thick epithelial lining to protect from pathogens
 - ☒ 2. Large surface area combined with a thin alveolar-capillary barrier
 - ☐ 3. A robust elastic network to maintain alveolar shape
 - ☐ 4. Abundance of mucus-secreting cells

Q.7 The slant height of a cone is equal to twice the radius of its base. If the cone has a volume of $401\pi \text{ cm}^3$, find the magnitude of the cube of its base radius.

- Ans**
- ☐ 1. $410\sqrt{3}$
 - ☐ 2. $412\sqrt{3}$
 - ☐ 3. $402\sqrt{3}$
 - ☒ 4. $401\sqrt{3}$

Q.8 What is the total DGQI 2.0 (Data Governance Quality Index) score achieved by the Department of Rural Development in Q4 of 2023-24?

- Ans**
- ☒ 1. 4.93 out of 5
 - ☐ 2. 3.95 out of 5
 - ☐ 3. 4.50 out of 5
 - ☐ 4. 5.00 out of 5

Q.9 Which of the following ratios is greatest?

- Ans**
- ☐ 1. 9 : 11
 - ☐ 2. 31 : 38
 - ☒ 3. 11 : 11
 - ☐ 4. 10 : 27

Q.10 A tank can be filled by two pipes C and D in 60 minutes and 40 minutes, respectively. How much time will it take to fill the tank from the empty state if D is used for half the time and C and D fill it together for the other half?

- Ans**
- ☐ 1. 1 hour
 - ☐ 2. 50 minutes
 - ☒ 3. 30 minutes
 - ☐ 4. 15 minutes

Q.11 The simplified value of $72 - (-98) \times (-31 - 58 - 19) \div [9 \times \{7 + (-2) \times (-6)\}]$ is:

- Ans**
- ☒ 1. $\frac{192}{19}$
 - ☐ 2. $\frac{187}{19}$
 - ☐ 3. $\frac{188}{19}$
 - ☐ 4. $\frac{182}{19}$

Q.12 Why did Mendeleev leave gaps in his periodic table?

- Ans**
- ☐ 1. To make the table look symmetrical
 - ☐ 2. To include isotopes
 - ☐ 3. To avoid repetition of elements
 - ☒ 4. For undiscovered elements

Q.13 Which among the following is the main reason for classifying economic activities into different sectors in India?

- Ans**
- ☒ 1. To understand their functioning and interdependence
 - ☐ 2. To reduce employment in capital-intensive sectors
 - ☐ 3. To increase taxes across sectors
 - ☐ 4. To divide labour across sectors

Q.14 In this question, a group of number/symbol is coded using letter codes as per the codes given below and the conditions which follow. The correct combination of codes (following only the condition/s that applies) is your answer.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	R	E	A	U	M	D	F	P	Q	I	O	H	N	W	Z	B
Code	#	7	6	\$	8	%	*	5	9	4	©	@	d	3	2	1

Conditions:

- i) If the first element is a consonant and the third is a vowel, the codes for these two (the first and the third elements) are to be interchanged.
- ii) If the first element is vowel and the fourth letter is a consonant, the first and fourth elements are to be coded as the code for the vowel.
- iii) If the second and third elements the consonants, both are to be coded as the code for the third element.

Based on the above instructions, what would be the code for 'OBAHMQ'?

- Ans**
- ☐ 1. ©16@87
 - ☒ 2. ©16©89
 - ☐ 3. @\$6@89
 - ☐ 4. @16@89

Q.15 What was the main focus of the Aligarh Movement?

- Ans**
- ☒ 1. Modern Education among Muslims
 - ☐ 2. Abolition of Sati
 - ☐ 3. Hindu Revivalism
 - ☐ 4. Women's Rights

Q.16 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

AAA 16, ECZ 36, IEY 64, MGX 100, ?

- Ans**
- ☒ 1. QIW 144
 - ☐ 2. UIW 121
 - ☐ 3. WIU 100
 - ☐ 4. UVW 81

Q.17 A person drove at 23 km/hr for 4.5 hours, then increased his speed by 11 km/hr, and reached the destination in another hour. Find the average speed (in km/hr) of the person during the entire journey.

- Ans**
- ☐ 1. 21
 - ☐ 2. 22
 - ☐ 3. 26
 - ☒ 4. 25

Q.18 If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 75246183, how many digits will appear more than once in the new number thus formed?

- Ans**
- ☐ 1. Two
 - ☐ 2. None
 - ☐ 3. One
 - ☒ 4. Three

Q.19 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All tablets are laptops.
No laptop is a desktop.
No laptop is a mobile.

Conclusions:

(I) No tablet is a desktop.
(II) Some mobiles are desktops.

- Ans**
- ☒ 1. Only conclusion (I) follows.
 - ☐ 2. Both conclusions (I) and (II) follow.
 - ☐ 3. Only conclusion (II) follows.
 - ☐ 4. Neither conclusion (I) nor (II) follows.

Q.20 Seven boxes, C, D, E, F, G, H and X, are kept one over the other but not necessarily in the same order. Only two boxes are kept between C and H. Only F is kept above G. Only one box is kept between G and C. E is kept at some place below X but at some place above D. How many boxes are kept between X and D?

- Ans**
- ☐ 1. Three
 - ☐ 2. One
 - ☒ 3. Two
 - ☐ 4. Four

Q.21 YAGK is related to RTZD in a certain way based on the English alphabetical order. In the same way, WYEI is related to PRXB. To which of the following options is BDJN related, following the same logic?

- Ans**
- ☒ 1. UWCG
 - ☐ 2. UWCH
 - ☐ 3. UWAC
 - ☐ 4. UWHY

Q.22 Mukesh sold a car for ₹2,03,700 at 10% loss. For what price (in ₹) should he sell the car to gain 68% profit?

- Ans**
- ☒ 1. 3,80,240
 - ☐ 2. 3,80,243
 - ☐ 3. 3,80,238
 - ☐ 4. 3,80,237

Q.23 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

XQS VOQ TMO RKM ?

- Ans**
- ☐ 1. PJL
 - ☐ 2. PJK
 - ☐ 3. PIL
 - ☒ 4. PIK

Q.24 What is the product of the roots of the equation $kx^3 - 5x^2 - 12x +$

- Ans**
- ☐ 1. $-\frac{1}{12}$
 - ☒ 2. -1
 - ☐ 3. $\frac{1}{12}$
 - ☐ 4. 1

Q.25 MQIL is related to FJBE in a certain way based on the English alphabetical order. In the same way, OSKN is related to HLDG. To which of the given options is QUMP related, following the same logic?

- Ans**
- ☐ 1. JNIF
 - ☒ 2. JNFI
 - ☐ 3. NJIF
 - ☐ 4. NJFI

Q.26 In March 2025, the Indian government passed the Waqf (Amendment) Act, leading to nationwide protests. Which organisation led the protests, calling the bill "unconstitutional and undemocratic"?

- Ans**
- ☒ 1. All India Muslim Personal Law Board
 - ☐ 2. All India Shia Personal Law Board
 - ☐ 3. Imarat-e-Shariah
 - ☐ 4. Jamiat Ulema-e-Hind

Q.27 How many Indian States and Union Territories have a coastline as per the Annual Report 2022-23 of the Ministry of Home Affairs?

- Ans**
- ☐ 1. 11 States and 6 Union Territories
 - ☐ 2. 8 States and 3 Union Territories
 - ☒ 3. 9 States and 4 Union Territories
 - ☐ 4. 10 States and 5 Union Territories

Q.28 What is the mode of the data given below? [Give your answer correct to 2 decimal places.]

Age in years	10-20	20-30	30-40	40-50	50-60	60-70	70-80
No. of patients	16	21	14	34	37	32	13

- Ans**
- ☐ 1. 34.15
 - ☐ 2. 46.12
 - ☐ 3. 33.05
 - ☒ 4. 53.75

Q.29 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☒ 1. KQM
 - ☐ 2. PVQ
 - ☐ 3. HNI
 - ☐ 4. MSN

Q.30 At what rate (in percentage) per annum will ₹1,400 give ₹700 as simple interest in 5 years?

- Ans**
- ☐ 1. 9%
 - ☐ 2. 12%
 - ☐ 3. 13%
 - ☒ 4. 10%

Q.31 In April 2025, the Chief Minister of which Indian state inaugurated a newly constructed Jagannath Temple in the coastal town of Digha?

- Ans**
- ☒ 1. Odisha
 - ☐ 2. Andhra Pradesh
 - ☐ 3. Tamil Nadu
 - ☐ 4. West Bengal

Q.32 What happens when you press 'Ctrl + M' in MS PowerPoint 365?

- Ans**
- ☐ 1. The slide master view is opened.
 - ☒ 2. A new slide is inserted with the same layout as the previous slide.
 - ☐ 3. A duplicate of the current slide is created.
 - ☐ 4. A new blank slide is inserted regardless of the previous layout.

Q.33 Mr. J starts from Point U and drives 2 km towards the North. He then takes a right turn, drives 9 km, turns right and drives 3 km. He then takes a right turn and drives 16 km. He then takes a final right turn, drives 1 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point U again? (All turns are 90 degrees turns only unless specified.)

- Ans**
- ☒ 1. 7 km towards the East
 - ☐ 2. 11 km towards the North
 - ☐ 3. 4 km towards the South
 - ☐ 4. 4 km towards the West

Q.34 In February 2025, how much total budget was allocated to the Ministry of Youth Affairs and Sports in the Union Budget?

- Ans**
- ☐ 1. ₹4,132 crore
 - ☒ 2. ₹3,790 crore
 - ☐ 3. ₹2,808 crore
 - ☐ 4. ₹3,254 crore

Q.35 If $\frac{x+1}{x} = 33$, then $\frac{x^2+1}{x^2}$ is:

- Ans**
- ☐ 1. 1091
 - ☒ 2. 1087
 - ☐ 3. 1089
 - ☐ 4. 1083

Q.36 Yogesh invested some money in a bank at 5% per annum rate of interest. What would be the corresponding simple interest (in ₹) if after 2 years, Yogesh got ₹102.5 as compound interest, considering annual compounding?

- Ans**
- ☐ 1. 95
 - ☐ 2. 115
 - ☐ 3. 110
 - ☒ 4. 100

Q.37 A sum of money is to be distributed among A, B, C, and D in the ratio of 10 : 4 : 8 : 5. If C gets ₹24 more than B, how much did A receive?

- Ans**
- ☐ 1. ₹58
 - ☐ 2. ₹63
 - ☐ 3. ₹59
 - ☒ 4. ₹60

Q.38 The PM-KISAN scheme launched by the Central Government falls under which category of boxes under the WTO's Agreement on Agriculture?

- Ans**
- ☒ 1. Green box
 - ☐ 2. Blue box
 - ☐ 3. Red box
 - ☐ 4. Amber box

Q.39 This question is based on the five, three-digit numbers given below.
(Left) 815 497 460 637 147 (Right)

(Example- 697 - First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is subtracted from the third digit of the lowest number?

- Ans**
- ☒ 1. 6
 - ☐ 2. 7
 - ☐ 3. 9
 - ☐ 4. 8

Q.40 In January 2025, which Indian state came under President's Rule due to ongoing ethnic violence and the resignation of its Chief Minister?

- Ans**
- ☐ 1. Tripura
 - ☐ 2. Assam
 - ☒ 3. Manipur
 - ☐ 4. Nagaland

Q.41 What is the primary objective of the hyperloop test track launched by IIT Madras and Indian Railways in 2025?

- Ans**
- ☐ 1. To test the feasibility of vacuum tube technology
 - ☐ 2. To promote sustainable transportation solutions
 - ☐ 3. To develop a new mode of transportation for goods
 - ☒ 4. To revolutionise high-speed transportation and reduce travel time

Q.42 Solve for θ : $\frac{\cos \theta}{1 - \sin \theta} + \frac{\cos \theta}{1 + \sin \theta} = 4$

- Ans**
- ☐ 1. 30°
 - ☐ 2. 90°
 - ☒ 3. 60°
 - ☐ 4. 45°

Q.43 Which of the following writs protects the right to life and personal liberty mentioned in the Constitution of India?

- Ans**
- ☒ 1. Habeas Corpus
 - ☐ 2. Certiorari
 - ☐ 3. Prohibition
 - ☐ 4. Mandamus

Q.44 Which of the following is NOT a valid way to move selected text in MS Word?

- Ans**
- ☐ 1. Cut and Paste
 - ☐ 2. Ctrl + Drag
 - ☒ 3. Format Painter
 - ☐ 4. Drag and Drop

Q.45 How many writs mentioned in the Constitution of India enforce Fundamental Rights?

- Ans**
- ☐ 1. Seven Writs
 - ☒ 2. Five Writs
 - ☐ 3. Four Writs
 - ☐ 4. Six Writs

Q.46 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$35 - 112 \times 84 \div 48 + 75 = ?$$

- Ans**
- ☐ 1. 46
 - ☒ 2. 24
 - ☐ 3. 86
 - ☐ 4. 174

Q.47 What was the literacy rate in India according to the 2011 Census?

- Ans**
- ☒ 1. 74.04%
 - ☐ 2. 72.98%
 - ☐ 3. 76.23%
 - ☐ 4. 75.12%

Q.48 Which smallest number should be added to 13874 so that the sum is completely divisible by 67?

- Ans**
- ☒ 1. 62
 - ☐ 2. 57
 - ☐ 3. 60
 - ☐ 4. 64

Q.49 Seven times the present age of Anjali is 14 years more than six times the present age of Kamal, and seven times the present age of Kamal is 7 years less than seven times the present age of Anjali. What is the sum of the present ages (in years) of Anjali and Kamal?

- Ans**
- ☒ 1. 15
 - ☐ 2. 20
 - ☐ 3. 13
 - ☐ 4. 12

Q.50 A sells a camera to B at a loss of 60% and B sells the camera to C at a profit of 25%. If C purchased the camera for ₹62,616, then what was the cost (in ₹) of the camera for A?

- Ans**
- ☐ 1. 1,25,230
 - ☒ 2. 1,25,232
 - ☐ 3. 1,25,226
 - ☐ 4. 1,25,229

Q.51 In a quadrilateral QRST, $\angle Q = 52^\circ$ and $\angle R = 44^\circ$. The bisectors of $\angle S$ and $\angle T$ meet at E. What is the measure of $\angle TES$?

- Ans**
- ☐ 1. 44°
 - ☐ 2. 59°
 - ☐ 3. 37°
 - ☒ 4. 48°

Q.52 In a certain code language, 'FARM' is coded as '4683' and 'MUSE' is coded as '2419'. What is the code for 'M' in the given code language?

- Ans**
- ☒ 1. 4
 - ☐ 2. 3
 - ☐ 3. 2
 - ☐ 4. 1

Q.53 In a certain code language,

A + B means 'A is the son of B',
A - B means 'A is the sister of B',
A x B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

Based on the above, how is E related to K if 'E + F - G x H ÷ K'?

- Ans
- ☒ 1. Father's sister's son
 - ☒ 2. Mother's sister's son
 - ☒ 3. Father's sister's husband
 - ☒ 4. Mother's sister's husband

Q.54 If $a^2 + b^2 = 132$ and $a \times b = 36$, then find $\frac{(a - b)}{(a + b)}$, where $a > b$

- Ans
- ☒ 1. $\sqrt{\frac{5}{17}}$
 - ☒ 2. $\sqrt{\frac{11}{17}}$
 - ☒ 3. $\sqrt{\frac{5}{11}}$
 - ☒ 4. $\sqrt{\frac{17}{37}}$

Q.55 Which of the following is true regarding the materials of construction used for Ashokan pillars?

- Ans
- ☒ 1. They were largely made of concrete.
 - ☒ 2. They were largely made of iron.
 - ☒ 3. They were largely made of stone.
 - ☒ 4. They were largely made of wood.

Q.56 In which year did Goa become the capital of the Portuguese Commercial empire in India?

- Ans
- ☒ 1. 1659
 - ☒ 2. 1410
 - ☒ 3. 1530
 - ☒ 4. 1390

Q.57 The Narmada River originates from which hills?

- Ans
- ☒ 1. Satpura
 - ☒ 2. Western Ghats
 - ☒ 3. Aravalli
 - ☒ 4. Vindhyachal

Q.58 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.

GOAL - GLAO - LAOG
COMB - CBMO - BMOC

- Ans ☒ 1. WISH - WHSI - HSIW
☐ 2. LOST - LSOT - TSOL
☐ 3. TING - ITNG - GINT
☐ 4. OVEL - OVLE - VELO

Q.59 The average weight of A, B and C is 45 kg. If the average weight of A and B is 39 kg and that of B and C is 48 kg, then the weight of B (in kg) is:

- Ans ☒ 1. 39
☐ 2. 54
☐ 3. 49
☐ 4. 29

Q.60 While covering a distance of 39 km, a man noticed that after cycling for some time the remaining distance. What was his speed (in km/hr, rounded off to two decimal places)?

- Ans ☐ 1. 6.5
☐ 2. 3.2
☒ 3. 4.3
☐ 4. 1.9

Q.61 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 6 @ \$ 1 8 # 9 % < 2 4 ≥ 3 ^ 5 & 7 (Right)

If all the numbers are dropped from the series, which of the following will be sixth from the right?

- Ans ☐ 1. \$
☐ 2. %
☐ 3. <
☒ 4. #

Q.62 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans ☐ 1. IL - FI
☐ 2. NQ - KN
☐ 3. MP - JM
☒ 4. MJ - DF

Q.63 Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.
ICK : KEF
HDW : JFR

- Ans**
- ☐ 1. KLR : MNN
 - ☐ 2. GGP : IJK
 - ☐ 3. RFM : TIH
 - ☒ 4. VJF : XLA

Q.64 38 people are standing in a row facing north. Hari is 11th from the right end while Hema is 14th from the left end. How many people are there between Hari and Hema?

- Ans**
- ☐ 1. 12
 - ☒ 2. 13
 - ☐ 3. 14
 - ☐ 4. 11

Q.65 Which of the following dance forms is NOT associated with Rajasthan?

- Ans**
- ☐ 1. Kacho Ghodi
 - ☐ 2. Ghoomar
 - ☒ 3. Tarangmel
 - ☐ 4. Kalbelia

Q.66 When saving an MS PowerPoint presentation, what is the primary purpose of the 'Save as Picture Presentation' option?

- Ans**
- ☐ 1. To optimise the presentation for viewing on low-bandwidth internet connections
 - ☐ 2. To save each slide as a separate image file within a folder
 - ☒ 3. To prevent any further editing of the presentation content
 - ☐ 4. To embed a static image of the first slide as a preview

Q.67 What should come in place of the question mark (?) in the given series?

1412 1420 1430 1442 1456 ?

- Ans**
- ☒ 1. 1472
 - ☐ 2. 1470
 - ☐ 3. 1474
 - ☐ 4. 1468

Q.68 Which of the following groups is NOT considered a part of the Union Council of Ministers in India?

- Ans**
- ☐ 1. Cabinet Ministers
 - ☐ 2. Ministers of State
 - ☒ 3. Parliamentary Secretaries
 - ☐ 4. Deputy Ministers

Q.69 Seven people, A, B, L, M, N, S, and T are sitting in a row, facing north. Only three people sit between A and S. M sits to the immediate left of S. No one sits to the right of T. Only two people sit between T and M. N sits to the immediate right of L. How many people sit between B and N?

- Ans**
- ☒ 1. Two
 - ☐ 2. Three
 - ☐ 3. Four
 - ☐ 4. One

Q.70 By how much is 60% of 40 greater than $\frac{3}{5}$ of 15?

- Ans
- ☐ 1. 13
 - ☐ 2. 9
 - ☐ 3. 12
 - ☒ 4. 15

Q.71 What is the mode of the following data?

53, 47, 43, 42, 52, 54, 54, 51, 42, 53, 53, 48, 46, 43, 43, 40, 43, 41

- Ans
- ☐ 1. 53
 - ☐ 2. 47
 - ☐ 3. 42
 - ☒ 4. 43

Q.72 Which of the following states has a sparse population mainly due to hilly terrain?

- Ans
- ☐ 1. Odisha
 - ☒ 2. Arunachal Pradesh
 - ☐ 3. Gujarat
 - ☐ 4. Tamil Nadu

Q.73 Which of the following countries will host the 2025 G20 Summit for the first time on the African continent?

- Ans
- ☐ 1. Kenya
 - ☐ 2. Nigeria
 - ☒ 3. South Africa
 - ☐ 4. Egypt

Q.74 Ravi spends ₹250 on Monday, ₹300 on Tuesday, ₹275 on Wednesday, ₹325 on Thursday, and ₹350 on Friday. What is his average daily expenditure over these five days?

- Ans
- ☐ 1. ₹280
 - ☐ 2. ₹310
 - ☐ 3. ₹320
 - ☒ 4. ₹300

Q.75 As per the Union Budget 2025-26, Asset Monetization Plan 2025-30, what will be the amount for the second plan for 2025-30 with the aim to reinvest in new projects?

- Ans
- ☐ 1. ₹20 lakh crore
 - ☐ 2. ₹15 lakh crore
 - ☐ 3. ₹25 lakh crore
 - ☒ 4. ₹10 lakh crore

Q.76 The Home Rule Movement in India, launched during the World War I, aimed to attain self-government within the British Empire. Which two prominent leaders were associated with starting this movement?

- Ans
- ☐ 1. Mahatma Gandhi and Gopal Krishna Gokhale
 - ☒ 2. Annie Besant and Bal Gangadhar Tilak
 - ☐ 3. Lala Lajpat Rai and Bipin Chandra Pal
 - ☐ 4. Jawaharlal Nehru and Subhas Chandra Bose

Q.77 What was notable about Vidarbha's performance in the Ranji Trophy 2024-25?

- Ans**
- ☒ 1. They won the title for the third time in seven seasons
 - ☐ 2. They won the title for the first time
 - ☐ 3. They lost the final to Kerala
 - ☐ 4. They did not qualify for the final

Q.78 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 5364178, then what will the sum of the digits which are second from the left and second from the right in the new number thus formed be?

- Ans**
- ☐ 1. 7
 - ☐ 2. 9
 - ☒ 3. 12
 - ☐ 4. 10

Q.79 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(Note: All numbers are single digit numbers only.)

(Left) % 3 £ 3 & © * 3 & 7 7 3 7 % 4 8 © * 1 * 9 9 (Right)

How many such numbers are there, each of which is immediately preceded by a symbol and also immediately followed by a symbol?

- Ans**
- ☐ 1. 5
 - ☐ 2. 2
 - ☐ 3. 3
 - ☒ 4. 4

Q.80 A pipe can fill a tank in 15 hours. Another pipe can empty the filled tank in 40 hours. If both the pipes are opened simultaneously, then the time (in hours) in which the tank will be one-third filled, is:

- Ans**
- ☐ 1. 24
 - ☒ 2. 8
 - ☐ 3. 32
 - ☐ 4. 16

Q.81 Who among the following has been appointed as the CEO of the Indian Railway Finance Corporation (IRFC) in October 2024?

- Ans**
- ☐ 1. Ajit Kumar Saxena
 - ☐ 2. Vijaya Kishore Rahatkar
 - ☒ 3. Manoj Kumar Dubey
 - ☐ 4. Paramesh Sivamani

Q.82 If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 936245, then how many digits will appear more than once in the new number thus formed?

- Ans**
- ☒ 1. Two
 - ☐ 2. Three
 - ☐ 3. One
 - ☐ 4. None

Q.83 The sum of interior angles of a regular polygon is 1260° . Find the number of diagonals of this regular polygon.

- Ans**
- ☐ 1. 35
 - ☐ 2. 20
 - ☒ 3. 27
 - ☐ 4. 44

Q.84 Demetrius, a Bactrian-Greek ruler, came into conflict with ____.

- Ans**
- ☐ 1. Harsha
 - ☐ 2. Simuka
 - ☐ 3. Nahapana
 - ☒ 4. Pushyamitra

Q.85 Sub-irrigation in India is particularly suitable for areas with:

- Ans**
- ☐ 1. low water table
 - ☐ 2. low soil fertility
 - ☒ 3. high water table
 - ☐ 4. sandy soil

Q.86 In a certain code language, 'rough and ready' is coded as 'mo hp km' and 'road is rough' is coded as 'tx km bn'. How is 'rough' coded in the given language?

- Ans**
- ☐ 1. hp
 - ☒ 2. km
 - ☐ 3. bn
 - ☐ 4. tx

Q.87 Who among the following won the Best Director award at the 2025 Oscars?

- Ans**
- ☒ 1. Sean Baker
 - ☐ 2. Steven Spielberg
 - ☐ 3. Peter Straughan
 - ☐ 4. Quentin Tarantino

Q.88 Seven people D, E, F, G, L, M and N are sitting in a row, facing north. Only two people sit to the left of L. Only three people sit between L and E. G sits second to the right of L. Only two people sit between G and M. D sits at some place to the right of N but at some place to the left of F. How many people sit to the right of D?

- Ans**
- ☐ 1. Two
 - ☐ 2. Four
 - ☒ 3. Three
 - ☐ 4. One

Q.89 What was the trend in the unemployment rate in usual status for persons of age 15 years and above, for urban areas, from FY23 to FY24, as per the Department of Economic Affairs report?

- Ans**
- ☒ 1. Decreased from 5.4% to 5.1%
 - ☐ 2. Decreased from 6% to 5%
 - ☐ 3. Increased from 4% to 5%
 - ☐ 4. Remained stable at 5.0%

Q.90 Who was the founder of the Gurjara-Pratihara dynasty?

- Ans**
- ☐ 1. Bhoja
 - ☒ 2. Nagabhata I
 - ☐ 3. Vatsaraja
 - ☐ 4. Gopala

Q.91 A man spends 50% of his monthly salary on the rent of his house. If every month he also spends ₹780 on his conveyance and ₹9,800 on his groceries and saves the remaining ₹110, his monthly salary is:

- Ans**
- ☐ 1. ₹21,430
 - ☐ 2. ₹21,307
 - ☒ 3. ₹21,380
 - ☐ 4. ₹21,282

Q.92 Which of the following options correctly describes the Indian President's power to summon the Parliament?

- Ans**
- ☒ 1. The President may summon the Parliament at least twice a year.
 - ☐ 2. The President may summon the Parliament at his/her discretion with no statutory minimum frequency.
 - ☐ 3. The President can only summon the Parliament after consulting the Prime Minister.
 - ☐ 4. The President may summon the Parliament only once every calendar year.

Q.93 The total surface area of a cylinder is 396 cm^2 , and its radius is 7 cm. Find the volume (in cm^3) of the cylinder.

$$\text{Use } \pi = \frac{22}{7}$$

- Ans**
- ☐ 1. 307
 - ☐ 2. 300
 - ☒ 3. 308
 - ☐ 4. 314

Q.94 John Green's non-fiction book, released in March 2025, discusses the history and impact of which disease?

- Ans**
- ☒ 1. Tuberculosis
 - ☐ 2. Influenza
 - ☐ 3. Malaria
 - ☐ 4. Cholera

Q.95 Under which Act was the National Legal Services Authority (NALSA), which conducts Lok Adalats along with other Legal Services Institutions, constituted?

- Ans**
- ☒ 1. Legal Services Authorities Act, 1987
 - ☐ 2. Advocates Act, 1961
 - ☐ 3. Indian Bar Council Act, 1926
 - ☐ 4. Public Interest Litigation Act, 1990

Q.96 What is the complete set of both base and derived units called?

- Ans**
- ☐ 1. Measurement set
 - ☒ 2. System of units
 - ☐ 3. Scientific model
 - ☐ 4. Universal constant system

Q.97 A dealer purchased a washing machine for ₹1,301. After allowing a discount of 53% on its marked price, he still gains 41%. Find the marked price of the washing machine.

- Ans**
- ☐ 1. ₹3,917
 - ☐ 2. ₹3,940
 - ☐ 3. ₹3,886
 - ☒ 4. ₹3,903

Q.98 Find the value of $64x^3 + 27y^3 + 144x^2y + 108xy^2$, when $x = 5$ and $y = -5$.

- Ans**
- ☐ 1. 150
 - ☐ 2. 120
 - ☒ 3. 125
 - ☐ 4. 100

Q.99 Rahul had some marbles. When he distributed the marbles equally among 27 children, he found that 17 marbles were left. Had he distributed the marbles equally among 19 children and 15 children, he still would have had 9 and 5 marbles, respectively, left with him. But when he distributed them equally among 80 children, no marble was left. The number of marbles that Rahul initially had may lie between _____.

- Ans**
- ☐ 1. 5070 and 5080
 - ☐ 2. 5140 and 5150
 - ☒ 3. 5110 and 5130
 - ☐ 4. 5090 and 5100

Q.100 What happens if users try to open an MS Excel file created in a newer version (e.g., Excel 2021) in an older version (e.g., Excel 2010)?

- Ans**
- ☐ 1. The file will be automatically converted to a PDF.
 - ☒ 2. The file will open in Compatibility Mode with limited functionality.
 - ☐ 3. MS Excel will display an error and refuse to open the file.
 - ☐ 4. The file will open normally with all features intact.



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	iON Digital Zone iDZ Austinpatti
Test Date	24/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 The mean proportional between $12 + 3\sqrt{4}$ and $16 - 4\sqrt{4}$ is:

- Ans
- ☒ 1. 22
 - ☒ 2. 12
 - ☒ 3. 19
 - ☒ 4. 7

Q.2 Each of the digits in the number 1673459 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

- Ans
- ☒ 1. One
 - ☒ 2. Two
 - ☒ 3. Three
 - ☒ 4. None

Q.3 What is the approximate area covered by the Thar Desert in India?

- Ans
- ☒ 1. 1,50,000 km²
 - ☒ 2. 2,00,000 km²
 - ☒ 3. 1,70,000 km²
 - ☒ 4. 1,00,000 km²

Q.4 The simple interest (in ₹) on ₹2,200 at the rate of 7% per annum in 2 years is:

- Ans
- ☒ 1. ₹258
 - ☒ 2. ₹408
 - ☒ 3. ₹358
 - ☒ 4. ₹308

Q.5 Which region in India is the least populated due to physical barriers and limited accessibility?

- Ans
- ☒ 1. Ganga Basin
 - ☒ 2. Coastal Andhra Pradesh
 - ☒ 3. Northern Himalayas (Ladakh region)
 - ☒ 4. Eastern Rajasthan

Q.6 F, G, H, K, L, and M live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on till the topmost floor, which is numbered 6. K lives on the topmost floor. Only three people live between K and G. F lives on a floor below G. L lives on an even numbered floor. H lives on an odd numbered floor but not on floor number 5. How many people live between M and G?

- Ans**
- ☒ 1. Two
 - ☐ 2. One
 - ☐ 3. Four
 - ☐ 4. Three

Q.7 Which of the following statements regarding Exercise Desert Hunt 2025 is/are correct?
The exercise was conducted by the Indian Air Force at an Air Force Station near Siachen Glacier.
It involved Para (Special Forces) of the Indian Army, MARCOS of the Indian Navy, and Garud commandos of the Indian Air Force.
The primary aim was to enhance joint operational capability in high-altitude mountain warfare.
The exercise included combat free falls and hostage rescue operations.

- Ans**
- ☐ 1. 2 only
 - ☐ 2. 3 and 4 only
 - ☒ 3. 2 and 4 only
 - ☐ 4. 1, 2 and 3 only

Q.8 Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.
PBW : RDV
NDS : PFR

- Ans**
- ☐ 1. PWR : RZQ
 - ☐ 2. UIK : WKL
 - ☒ 3. LSO : NUN
 - ☐ 4. JMM : LON

Q.9 DIOR is related to MQXZ in a certain way based on the English alphabetical order. In the same way, NOYX is related to WWHF. To which of the given options is OMZV related, following the same logic?

- Ans**
- ☐ 1. XUIO
 - ☐ 2. XERT
 - ☐ 3. XUDI
 - ☒ 4. XUID

Q.10 How many offices of the University Grants Commission are in Delhi?

- Ans**
- ☐ 1. 2
 - ☐ 2. 4
 - ☒ 3. 3
 - ☐ 4. 1

Q.11 The average weight of 5 students is 60 kg. After a new student joins the group, the average becomes 62 kg. What is the weight of the new student?

- Ans**
- ☐ 1. 70 kg
 - ☒ 2. 72 kg
 - ☐ 3. 68 kg
 - ☐ 4. 62 kg

Q.12 Which of the following statements related to the One Nation One Subscription (ONOS) scheme launched in 2024 is/are correct?

Statement 1: The ONOS scheme aims to provide digital access to over 13,000 international journals for research institutions across India.

Statement 2: INFLIBNET (Information and Library Network) is responsible for managing financial transactions related to the subscription charges of these journals.

- Ans**
- ☒ 1. Only 1
 - ☐ 2. Only 2
 - ☐ 3. Neither 1 nor 2
 - ☐ 4. Both 1 and 2

Q.13 The LCM of 44, 86 and another number, x , is 7568. Which of the following can be the value of x ?

- Ans**
- ☐ 1. 145
 - ☒ 2. 176
 - ☐ 3. 165
 - ☐ 4. 101

Q.14 When the difference between compound interest, compounded annually, and simple interest for three years is ₹152 at 4% interest per annum, the principal is ₹_____.

- Ans**
- ☐ 1. 30,675
 - ☒ 2. 31,250
 - ☐ 3. 32,450
 - ☐ 4. 31,670

Q.15 Who among the following was appointed as the Director General of the Directorate General of Civil Aviation (DGCA) in January 2025?

- Ans**
- ☐ 1. Dr. V Narayanan
 - ☐ 2. Bahadur Singh Sagoo
 - ☒ 3. Faiz Ahmed Kidwai
 - ☐ 4. Bhuvnesh Kumar

Q.16 Which of the following is NOT a thermometric property?

- Ans**
- ☐ 1. Electrical resistance
 - ☒ 2. Colour of a substance
 - ☐ 3. Pressure of a gas
 - ☐ 4. Length of a metal rod

Q.17 Seven boxes D, E, F, G, I, J and K are kept one over the other but not necessarily in the same order. Only four boxes are kept between E and D. Only F is kept above E. Only two boxes are kept between J and K. G is kept immediately above I. K is not kept immediately above G. Which box is kept fourth from the top?

- Ans**
- ☐ 1. F
 - ☐ 2. K
 - ☒ 3. G
 - ☐ 4. D

Q.18 'Top-khanah' was the general name given to the military/artillery branch of which of the following?

- Ans**
- ☐ 1. Vijayanagara Empire
 - ☐ 2. Delhi Sultanate
 - ☒ 3. Mughal Dynasty
 - ☐ 4. Ghurid Dynasty

Q.19 Evaluate : $\frac{1}{\left(\frac{7}{8}\right) + \left(\frac{4}{6}\right)} \div \frac{6}{29}$

- Ans**
- ☐ 1. $3\frac{13}{37}$
 - ☐ 2. $3\frac{1}{37}$
 - ☐ 3. $3\frac{10}{37}$
 - ☒ 4. $3\frac{5}{37}$

Q.20 Which of the following cities hosted the inaugural Women's Hockey India League in 2025?

- Ans**
- ☐ 1. Mumbai
 - ☒ 2. Ranchi
 - ☐ 3. Bengaluru
 - ☐ 4. Chennai

Q.21 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

LIP NKR PMT ROV ?

- Ans**
- ☒ 1. TQX
 - ☐ 2. TRX
 - ☐ 3. TQY
 - ☐ 4. TRY

Q.22 Public health services remained largely inaccessible to the masses during the colonial rule. What was India's approximate life expectancy at the time of independence?

- Ans**
- ☐ 1. 55-60 years
 - ☒ 2. 30-32 years
 - ☐ 3. 60-65 years
 - ☐ 4. 42-45 years

Q.23 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 8315476, which of the following digits will be third from the right?

- Ans**
- ☐ 1. 6
 - ☐ 2. 4
 - ☒ 3. 2
 - ☐ 4. 8

Q.24 If $x^2 + y^2 - 16x + 38y + 425 = 0$, then the value of $x^2 + y^2$ is:

- Ans
- ☐ 1. 428
 - ☐ 2. 432
 - ☒ 3. 425
 - ☐ 4. 422

Q.25 Education remained largely inaccessible to the masses during colonial rule. What was India's literacy rate around 1947?

- Ans
- ☐ 1. Over 75%
 - ☐ 2. Close to 90%
 - ☐ 3. Around 50%
 - ☒ 4. Below 20%

Q.26 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: XTR :: LHF : %

- Ans
- ☐ 1. # = DTX, % = FBZ
 - ☐ 2. # = DZX, % = FBO
 - ☒ 3. # = DZX, % = FBZ
 - ☐ 4. # = UZX, % = FBZ

Q.27 Harshavardhana belonged to which ancient region?

- Ans
- ☐ 1. Malwa
 - ☐ 2. Magadha
 - ☒ 3. Thanesar
 - ☐ 4. Agra

Q.28 Which of the following stupas marks the spot where Buddha gave his first sermon?

- Ans
- ☐ 1. Amravati stupa
 - ☐ 2. Mahabodhi stupa
 - ☐ 3. Sanchi stupa
 - ☒ 4. Dhamek stupa

Q.29 In March 2025, India introduced anti-dumping duties on five products imported from which country?

- Ans
- ☐ 1. Bangladesh
 - ☒ 2. China
 - ☐ 3. The United States of America
 - ☐ 4. Japan

Q.30 By using a suitable identity, simplify 10.1^3 .

- Ans
- ☐ 1. 1030.3001
 - ☐ 2. 1030.323
 - ☐ 3. 1003.301
 - ☒ 4. 1030.301

Q.31 What will the following PowerShell command in Windows OS do?

Command: Remove-Item C:\Logs -Recurse -Force

- Ans**
- ☐ 1. Only delete files, leave folders intact
 - ☒ 2. Delete all files and subfolders inside C:\Logs, including the folder itself
 - ☐ 3. Move the C:\Logs folder to the Recycle Bin
 - ☐ 4. Delete only empty folders under C:\Logs

Q.32 If the fourth proportion to P, 4 and 3 is 6, then find the value of P.

- Ans**
- ☐ 1. 4
 - ☐ 2. 5
 - ☒ 3. 2
 - ☐ 4. 3

Q.33 What is the mode of the data given below? [Give your answer correct to 2 decimal places.]

Age in years	10-20	20-30	30-40	40-50	50-60	60-70	70-80
No. of patients	29	35	25	10	18	34	17

- Ans**
- ☐ 1. 6.56
 - ☐ 2. 22.58
 - ☐ 3. 39.44
 - ☒ 4. 23.75

Q.34 Which of the following numbers is used to represent the ASCII value of the uppercase letter 'B'?

- Ans**
- ☒ 1. 66
 - ☐ 2. 97
 - ☐ 3. 90
 - ☐ 4. 65

Q.35 What should come in place of the question mark (?) in the given series?

4 7 13 24 42 ? 107

- Ans**
- ☐ 1. 68
 - ☐ 2. 66
 - ☐ 3. 67
 - ☒ 4. 69

Q.36 Which option correctly explains the fundamental difference between input and output devices in a computer system?

- Ans**
- ☐ 1. Input devices change user inputs into digital format, while output devices permanently save system data.
 - ☐ 2. Input devices directly interact with the CPU, while output devices work independently without CPU involvement.
 - ☒ 3. Input devices enable users to send data into the system, while output devices communicate processed information back to the user.
 - ☐ 4. Input devices run pre-loaded instructions from memory, whereas output devices collect environmental data.

Q.37 How many villages in India have completed the computerisation of land records as of March 2025, according to the Department of Land Resources?

- Ans**
- ☒ 1. 6.25 lakh
 - ☐ 2. 7.5 lakh
 - ☐ 3. 6 lakh
 - ☐ 4. 5.5 lakh

Q.38 In the MS PowerPoint 2019 interface, which of the following icons should you click to save changes to the current presentation quickly?

- Ans
- ☐ 1. 
 - ☒ 2. 
 - ☐ 3. 
 - ☐ 4. 

Q.39 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

EFR7, HIU12, KLX17, NOA22, ?

- Ans
- ☐ 1. QOD27
 - ☒ 2. QRD27
 - ☐ 3. QRI27
 - ☐ 4. PRD27

Q.40 Evaluate $\cos 42^\circ \cdot \cos 18^\circ - \sin 42^\circ \cdot \sin 18^\circ$.

- Ans
- ☒ 1. $\frac{1}{2}$
 - ☐ 2. $\frac{1}{4}$
 - ☐ 3. $\frac{1}{3}$
 - ☐ 4. 1

Q.41 Mr. HIJ starts from Point A and drives 21 km towards the south. He then takes a right turn, drives 19 km, turns right and drives 26 km. He then takes a right turn and drives 19 km, turns right and drives 2 km. He then takes a left turn and drives 4 km. He takes a final right turn, drives 3 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified)

- Ans
- ☐ 1. 5 km to the south
 - ☐ 2. 6 km to the north
 - ☐ 3. 7 km to the east
 - ☒ 4. 4 km to the west

Q.42 The average of 8 numbers is 16. The average of 6 of these numbers is 16. The average of the remaining two numbers is:

- Ans
- ☒ 1. 16
 - ☐ 2. 18
 - ☐ 3. 15
 - ☐ 4. 17

Q.43 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(Note: All numbers are single digit numbers only.)

(Left) # 8 2 * 3 & % # £ 2 € 3 5 @ 3 5 * & % @ 3 € (Right)

How many such numbers are there, each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans** ☒ 1. 3
 ☐ 2. 7
 ☐ 3. 2
 ☐ 4. 5

Q.44 When did the citizenship provisions in the Constitution come into effect?

- Ans** ☐ 1. January 26, 1950
 ☒ 2. November 26, 1949
 ☐ 3. August 15, 1947
 ☐ 4. July 19, 1949

Q.45 For a regular polygon, the sum of the interior angles is 200% more than the sum of its exterior angles. Each interior angle of the polygon measures x° . What is the value of x ?

- Ans** ☒ 1. 135
 ☐ 2. 145
 ☐ 3. 155
 ☐ 4. 125

Q.46 Consider a scenario where a user is interacting with a virtual reality (VR) environment. Which of the following input devices is least likely to be the primary means of navigation and interaction within this immersive environment?

- Ans** ☐ 1. Head-mounted display with integrated motion tracking
 ☒ 2. Optical mouse connected to the computer
 ☐ 3. Handheld controllers with positional tracking
 ☐ 4. Haptic gloves providing tactile feedback

- Q.47** A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/Sym	1	8	6	7	4	#	2	@	&
bol									
Code	Y	A	L	B	S	D	E	Z	C

Conditions:

- (i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
- (ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
- (iii) If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?

6 @ 2

- Ans**
- ☒ 1. EZLD
 - ☒ 2. ELZD
 - ☒ 3. DZLE
 - ☒ 4. ELDZ

- Q.48** The surface area (in cm^2) of a sphere of radius 14 cm is:

Take $\pi = \frac{22}{7}$

- Ans**
- ☒ 1. 2464
 - ☒ 2. 2462
 - ☒ 3. 2467
 - ☒ 4. 2465

- Q.49** The income of a person increases by 15% annually. If the initial income is ₹70,000, calculate the income after 2 years.

- Ans**
- ☒ 1. ₹92,575
 - ☒ 2. ₹91,875
 - ☒ 3. ₹91,575
 - ☒ 4. ₹92,175

- Q.50** This question is based on the five, three-digit numbers given below.

(Left) 853 628 981 217 132 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(Note: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the first digit of the lowest number?

- Ans**
- ☒ 1. 11
 - ☒ 2. 7
 - ☒ 3. 9
 - ☒ 4. 13

Q.51 What is the median of the following data?

46, 19, 87, 72, 80, 91, 82, 15, 53, 86, 26

Ans ☒ 1. 72.5

☐ 2. 72

☐ 3. 73

☐ 4. 71.5

Q.52 In February 2025, who won the 'CA in Public Service' award from the Institute of Chartered Accountants of India?

Ans ☒ 1. Deepak Kumar Kedia

☐ 2. Sushil Kumar Modi

☐ 3. TV Narendran

☐ 4. Ajay Bhushan Pandey

Q.53 12 is related to 8 following a certain logic. Following the same logic, 56 is related to 52. To which of the following is 49 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans ☒ 1. 45

☐ 2. 36

☐ 3. 40

☐ 4. 50

Q.54 In 2024, India celebrated its first National Space Day. What event did this day commemorate?

Ans ☒ 1. The successful landing of Chandrayaan-3 on the Moon

☐ 2. The establishment of the Indian Space Research Organisation (ISRO)

☐ 3. The launch of India's first satellite, Aryabhata

☐ 4. The launch of India's first manned space mission

- Q.55** In this question, a group of number/symbol is coded using letter codes as per the codes given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	@	2	9	5	\$	&	3	%	#	7	+	4	8	6
Code	A	C	D	J	F	E	W	Q	G	P	R	B	U	S

Conditions:

- (i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
(ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
(iii) If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What is @9#7 coded as?

- Ans** ☒ 1. GPDA
☒ 2. PGDA
☒ 3. PDGA
☒ 4. ADGP

- Q.56** Anish starts from Point A and drives 3 km towards the East. He then takes a right turn, drives 5 km, turns right and drives 2 km. He then takes a left turn and drives 4 km. He then takes a right turn and drives 7 km. He takes a final right turn, drives 9 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified.)

- Ans** ☒ 1. 6 km to the East
☒ 2. 6 km to the West
☒ 3. 3 km to the West
☒ 4. 5 km to the East

- Q.57** Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(Note: All numbers are single digit numbers only.)

(Left) € & % 6 2 1 € 9 4 5 @ £ \$ 4 5 4 & & # 7 £ 7 (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans** ☒ 1. 2
☒ 2. 4
☒ 3. 3
☒ 4. 5

- Q.58** Akash sold an article at a loss of 17%. If he had bought the item at 5% less and had sold it for ₹310 more, then he would have gained 20%. Find the cost price (in ₹) of the article.

- Ans** ☒ 1. 1,000
☒ 2. 674
☒ 3. 1,215
☒ 4. 785

Q.59 By selling cloth at ₹344/m, a shopkeeper loses 57%. Find the rate (in ₹/m) at which it should be sold so as to earn a profit of 71%.

- Ans
- ☐ 1. 1,367
 - ☐ 2. 1,365
 - ☐ 3. 1,366
 - ☒ 4. 1,368

Q.60 $\frac{1}{20}$ is what percentage of $\frac{1}{40}$?

- Ans
- ☐ 1. 215%
 - ☐ 2. 210%
 - ☐ 3. 400%
 - ☒ 4. 200%

Q.61 Reports of the Comptroller and Auditor General of India related to the accounts of a state shall be submitted to whom among the following?

- Ans
- ☒ 1. Governor of the concerned state
 - ☐ 2. Chief Minister of the concerned state
 - ☐ 3. President of India
 - ☐ 4. Prime Minister of India

Q.62 The Sixth Schedule of the Indian Constitution deals with the administration of tribal areas in which region?

- Ans
- ☒ 1. North-East India
 - ☐ 2. Andaman and Nicobar Islands
 - ☐ 3. Western Ghats
 - ☐ 4. Central India

Q.63 There are two pumps to fill a tank with water. The first pump can fill the empty tank in 6 hours, while the second in 8 hours. If both the pumps are opened at the same time and kept open for 2 hours, the part of tank that will be filled up is:

- Ans
- ☒ 1. $\frac{7}{12}$
 - ☐ 2. $\frac{9}{12}$
 - ☐ 3. $\frac{7}{10}$
 - ☐ 4. $\frac{9}{10}$

Q.64 In January 2025, who chaired the high-level review meeting on ISRO's upcoming missions for 2025?

- Ans
- ☐ 1. Pawan Kumar Goenka
 - ☒ 2. Dr. Jitendra Singh
 - ☐ 3. Dr. S Somnath
 - ☐ 4. Dr. V Narayanan

Q.65 Which Schedule and Article contain the names and extent of states and union territories?

- Ans
- ☐ 1. Second Schedule – Article 5
 - ☒ 2. First Schedule – Articles 1 and 4
 - ☐ 3. First Schedule – Articles 1 and 2
 - ☐ 4. Fourth Schedule – Article 80

Q.66 In this question, a group of number/symbol is coded using letter codes as per the codes given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	9	6	+	@	8	&	3	*	%	5	\$	4	7
Code	W	C	E	J	F	A	D	Q	G	P	R	B	U

Conditions:

(I) If the first element is a number and the last a symbol, the codes for these two (the first and the last elements) are to be interchanged.

(II) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.

(III) If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What is 843% coded as?

- Ans**
- ☒ 1. FDBG
 - ☒ 2. BDGF
 - ☒ 3. FBDG
 - ☒ 4. GBDF

Q.67 Who among the following established its factory in Petapuli on the North Coromandel Coast in 1606?

- Ans**
- ☒ 1. German East India Company
 - ☒ 2. Danish East India Company
 - ☒ 3. Spanish East India Company
 - ☒ 4. Dutch East India Company

Q.68 Rati travels from City A to City B. If Rati drives her car at $\frac{1}{3}$ of her normal speed, the time (in minutes) that Rati would take to travel from City A to City B is

- Ans**
- ☒ 1. 26
 - ☒ 2. 34
 - ☒ 3. 35
 - ☒ 4. 25

Q.69 What price should Kunal mark on a pair of pants which costs him ₹3,300, so as to gain 33% after allowing a successive discount of 25% and 30%?

- Ans**
- ☒ 1. ₹8,360
 - ☒ 2. ₹8,290
 - ☒ 3. ₹8,310
 - ☒ 4. ₹8,256

Q.70 Seven boxes, G, H, I, J, O, P and Q, are kept one over the other but not necessarily in the same order. Only two boxes are kept between I and P. Only O is kept above Q. No box is kept below P. J is kept at some place below H but at some place above G. Which box is kept third above G?

- Ans**
- ☒ 1. O
 - ☒ 2. H
 - ☒ 3. J
 - ☒ 4. Q

Q.71 Find roots of $x^2 + (2a + 3)x + (a^2 + 3a) = 0$.

- Ans**
- ☒ 1. $x = a, a + 3$
 - ☒ 2. $x = -a, a + 3$
 - ☒ 3. $x = -a, -a - 3$
 - ☒ 4. $x = 2a, a + 3$

Q.72 A pipe can fill a tank in 12 hours. Another pipe can empty the filled tank in 24 hours. If both the pipes are opened simultaneously, then the time (in hours) in which the tank will be two-third filled, is:

- Ans**
- ☒ 1. 32
 - ☒ 2. 16
 - ☒ 3. 48
 - ☒ 4. 64

Q.73 X varies inversely as Y and Y varies inversely as Z. In a particular case

$$X = \frac{1}{2} \text{ and } Z = \frac{1}{74}. \text{ What will be the value of X when } Z = 7?$$



- Ans**
- ☒ 1. 257
 - ☒ 2. 260
 - ☒ 3. 259
 - ☒ 4. 262

Q.74 Which of the following can be considered as an immediate cause of the Sanyasi Rebellion?

- Ans**
- ☒ 1. Implementation of the Chota Nagpur Tenancy Act of 1908
 - ☒ 2. Restrictions imposed by the British upon pilgrims visiting holy places among both Hindus and Muslims
 - ☒ 3. Development of a broad sense of view of Indian Nationalism
 - ☒ 4. British occupation of Madras region and their new land laws along with the atrocities of the landlords

Q.75 What was the term for Anglo-Indian bureaucrats in the princely states?

- Ans**
- ☒ 1. Zamindars
 - ☒ 2. Mulkis
 - ☒ 3. Non-Mulkis
 - ☒ 4. Jagirdars

Q.76 A person drove at 77 km/hr for 3.5 hours, then increased his speed by 9 km/hr, and reached the destination in another hour. Find the average speed (in km/hr) of the person during the entire journey.

- Ans**
- ☒ 1. 75
 - ☒ 2. 77
 - ☒ 3. 79
 - ☒ 4. 82

Q.77 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans ☒ 1. UYX

☒ 2. IML

☒ 3. PRS

☒ 4. TXW

Q.78 Which type of legislative bills must be introduced in the Lok Sabha only after obtaining the prior approval of the President of India?

Ans ☒ 1. Ordinary Bills

☒ 2. Money Bills

☒ 3. Private Bills

☒ 4. Public Bills

Q.79 The area of a quadrilateral ABCD is 324 cm^2 . The lengths of the perpendiculars from the vertices B and D to the diagonal AC are 12 cm and 15 cm, respectively. Determine the length (in cm) of the diagonal AC.

Ans ☒ 1. 28

☒ 2. 19

☒ 3. 27

☒ 4. 24

Q.80 4 chairs and 4 tables cost ₹7,000 and 6 chairs and 5 tables cost ₹8,800. What is the cost of 16 chairs and 2 tables?

Ans ☒ 1. ₹4,195

☒ 2. ₹4,198

☒ 3. ₹4,200

☒ 4. ₹4,197

Q.81 Five solid cubes, each of volume $5,92,704 \text{ cm}^3$, are joined end to end to form a cuboid. What is the lateral surface area (in cm^2) of the cuboid?

Ans ☒ 1. 84,898

☒ 2. 84,774

☒ 3. 84,863

☒ 4. 84,672

Q.82 Which of the following has dimensional formula $[M^0 L^0 T^{-2}]$?

Ans ☒ 1. Frequency

☒ 2. Angular acceleration

☒ 3. Strain

☒ 4. Angular velocity

Q.83 If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 7156423, then how many digits will appear more than once in the new number thus formed?

Ans ☒ 1. None

☒ 2. One

☒ 3. Two

☒ 4. Three

Q.84 If $91 \div 13 \times 3^2 - 18 \times 14 \div 2 + 11 = z$, then find value of z.

- Ans
- ☐ 1. -51
 - ☐ 2. -48
 - ☐ 3. -49
 - ☒ 4. -52

Q.85 Which of the following cities hosted the European Political Community Summit in November 2024?

- Ans
- ☐ 1. Prague
 - ☐ 2. Vienna
 - ☒ 3. Budapest
 - ☐ 4. Brussels

Q.86 What should come in place of the question mark (?) in the given series?
223, 174, 132, 97, 69, ?

- Ans
- ☐ 1. 53
 - ☐ 2. 59
 - ☒ 3. 48
 - ☐ 4. 64

Q.87 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans
- ☐ 1. NI – GB
 - ☐ 2. OJ – HC
 - ☐ 3. KF – DY
 - ☒ 4. YT – RN

Q.88 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All animals are deer.
All animals are bears.
All animals are cows.

Conclusions:

(I) All deer are cows.
(II) Some cows are bears.

- Ans
- ☐ 1. Neither conclusion (I) nor (II) follows.
 - ☒ 2. Only conclusion (II) follows.
 - ☐ 3. Only conclusion (I) follows.
 - ☐ 4. Both conclusions (I) and (II) follow.

Q.89 What amount will be disbursed from FY 2020-21 to FY 2025-26 under the Agriculture Infrastructure Fund established by the Central Government?

- Ans
- ☐ 1. ₹10 lakh crore
 - ☐ 2. ₹2 lakh crore
 - ☐ 3. ₹5 lakh crore
 - ☒ 4. ₹1 lakh crore

Q.90 YRUO is related to QJMG in a certain way based on the English alphabetical order. In the same way, SLOI is related to KDGA. To which of the given options is UNQK related, following the same logic?

- Ans**
- ☐ 1. MFCI
 - ☐ 2. MIFC
 - ☐ 3. MIOP
 - ☒ 4. MFIC

Q.91 The 2025 Pulitzer Prize in Memoir or Autobiography was awarded to which of the following?

- Ans**
- ☐ 1. *Stay True* by Hua Hsu
 - ☐ 2. *Spare* by Prince Harry
 - ☒ 3. *Feeding Ghosts* by Tessa Hulls
 - ☐ 4. *Heavy* by Kiese Laymon

Q.92 Who was elected as the Chair of the Asian Productivity Organization (APO) for the 2025–26 term during the 67th GBM?

- Ans**
- ☐ 1. Jone Maritino Nemani
 - ☒ 2. Amardeep Singh Bhatia
 - ☐ 3. Dr. Indra Pradana Singawinata
 - ☐ 4. Agung Nur Rohmad

Q.93 Which statement is true regarding a balanced diet?

- Ans**
- ☒ 1. It contains all nutrients in appropriate proportions.
 - ☐ 2. It includes only fruits and vegetables.
 - ☐ 3. It must exclude fats to prevent diseases.
 - ☐ 4. It consists mainly of carbohydrates for energy.

Q.94 The Dedicated Freight Corridor Corporation of India Limited (DFCCIL) was established as a Special Purpose Vehicle (SPV) under which of the following Acts?

- Ans**
- ☐ 1. Companies Act, 2013
 - ☒ 2. Companies Act, 1956
 - ☐ 3. Indian Railways Act, 1989
 - ☐ 4. Infrastructure Development Act, 2002

Q.95 B is the mother of A. C is the sister of A's father D. E is the brother of C. How is B related to E?

- Ans**
- ☐ 1. Wife
 - ☐ 2. Sister
 - ☒ 3. Brother's wife
 - ☐ 4. Mother

Q.96 D, E, F, H, I, J and K are sitting around a square table facing the centre of the table. Only two people sit between E and J when counted from the right of E. Only two people sit between J and F. Only three people sit between E and I. D sits to the immediate left of K. Who sits third to the left of H?

- Ans**
- ☐ 1. E
 - ☐ 2. I
 - ☒ 3. K
 - ☐ 4. D

Q.97 Which two numbers should be interchanged to make the following equation correct?
(Note: The entire number should be interchanged and not individual digits of a given number.)

$$4 \times (56 - 20) + (28 \div 7) \times 5 - 17 = 55$$

- Ans**
- ☐ 1. 4 and 5
 - ☐ 2. 4 and 7
 - ☐ 3. 20 and 17
 - ☒ 4. 56 and 28

Q.98 Seven people, A, B, C, D, Q, R and S are sitting in a row, facing north. Only three people sit between A and B. R sits to the immediate left of B. No one sits to the right of D. Only two people sit between D and R. C sits to the immediate right of S. How many people sit between Q and C?

- Ans**
- ☒ 1. Two
 - ☐ 2. Four
 - ☐ 3. Three
 - ☐ 4. One

Q.99 Which of the following physiographic regions lies north of the Narmada River?

- Ans**
- ☒ 1. Malwa Plateau
 - ☐ 2. Karnataka Plateau
 - ☐ 3. Deccan Plateau
 - ☐ 4. Telangana Plateau

Q.100 Who specifically paints the Pithora artworks?

- Ans**
- ☒ 1. Lakhara
 - ☐ 2. Shepherds
 - ☐ 3. Potters
 - ☐ 4. Farmers



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	ION Digital Zone IDZ Trichy II
Test Date	24/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 Who started the Ramakrishna Mission?

- Ans
- ☒ 1. Keshub Chandra Sen
 - ☒ 2. Gopal Ganesh Agarkar
 - ☒ 3. Ramakrishna Paramhansa
 - ☒ 4. Swami Vivekananda

Q.2 Who is popularly known as the 'Father of Indian Unrest' for his active role in the Indian independence movement?

- Ans
- ☒ 1. Mahatma Gandhi
 - ☒ 2. Jawaharlal Nehru
 - ☒ 3. Subhas Chandra Bose
 - ☒ 4. Bal Gangadhar Tilak

Q.3 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 - Operations on 13 such as adding / subtracting / multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

10 - 20 - 25 - 50; 3 - 6 - 11 - 22

- Ans
- ☒ 1. 5 - 10 - 15 - 30
 - ☒ 2. 13 - 15 - 30 - 35
 - ☒ 3. 6 - 12 - 14 - 16
 - ☒ 4. 19 - 21 - 22 - 44

Q.4 The population of a village was 1,20,000. It increased by 15% in the first year and increased by 20% in the second year. Its population after two years is ____.

- Ans
- ☒ 1. 1,62,000
 - ☒ 2. 1,44,000
 - ☒ 3. 1,38,000
 - ☒ 4. 1,65,600

Q.5 In Microsoft PowerPoint, which view is best suited for reorganising slides and getting an overview of the entire presentation structure?

- Ans** ✓ 1. Slide Sorter View
 ✗ 2. Reading View
 ✗ 3. Slide Show View
 ✗ 4. Normal View

Q.6 Which region in India is known for experiencing 'Norwesters' during the pre-monsoon season?

- Ans** ✓ 1. Eastern India
 ✗ 2. Northern India
 ✗ 3. Western India
 ✗ 4. Southern India

Q.7 In a certain code language, 'shirt mile vow' is coded as 'sh dx rk' and 'pie vow fork' is coded as 'gg ne sh'. How is 'vow' coded in the given language?

- Ans** ✓ 1. sh
 ✗ 2. dx
 ✗ 3. rk
 ✗ 4. gg

Q.8 The Bagh caves, which contain Buddhist mural paintings, are located in which of the following states of India?

- Ans** ✗ 1. Karnataka
 ✗ 2. Maharashtra
 ✗ 3. Orissa
 ✓ 4. Madhya Pradesh

Q.9 A group of numbers/symbols is coded using letter codes as per the codes given below and the conditions that follow. If none of the conditions apply, then codes for the respective number/symbol to be followed directly as given in the table.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/Sym	2	9	6	7	4	#	3	@	1
bol									
Code	Y	A	L	B	S	D	E	Z	C

Conditions –

- (i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
 (ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©
 (iii) If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?

9 4 @ 1

- Ans** ✓ 1. ASZC
 ✗ 2. AZSC
 ✗ 3. ©SZ©
 ✗ 4. LZSC

Q.10 Wet farming is typically practised in which type of soil?

- Ans**
- ☐ 1. Red soil
 - ☐ 2. Laterite soil
 - ☐ 3. Black soil
 - ☒ 4. Alluvial soil

Q.11 Which of the following positions is NOT found in every Gram Panchayat in India?

- Ans**
- ☐ 1. Elected President (Sarpanch) of the Panchayat
 - ☐ 2. Panchayat Secretary
 - ☒ 3. Elected Treasurer of the Panchayat
 - ☐ 4. Vice President (Upsarpanch) of the Panchayat

Q.12 What major future-focused initiative was discussed during the 67th GBM of the Asian Productivity Organisation APO?

- Ans**
- ☐ 1. Smart Cities 2030
 - ☐ 2. Digital Governance Network
 - ☐ 3. Asia-Pacific Free Trade Agreement
 - ☒ 4. Green Productivity 2.0 Ecosystem

Q.13 The mean proportional between $4 + 2\sqrt{3}$ and $16 - 8\sqrt{3}$ is:

- Ans**
- ☒ 1. 4
 - ☐ 2. 9
 - ☐ 3. 8
 - ☐ 4. 14

Q.14 Steve starts from Point A and drives 10 km towards north. He then takes a right turn, drives 7 km, turns right and drives 3 km. He then takes a left turn and drives 5 km. He takes a final right turn, drives 7 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified)

- Ans**
- ☒ 1. 12 km towards west
 - ☐ 2. 10 km towards south
 - ☐ 3. 10 km towards west
 - ☐ 4. 12 km towards east

Q.15 If 'A' stands for '+', 'B' stands for '×', 'C' stands for '÷' and 'D' stands for '-', what will come in place of the question mark (?) in the following equation?

$$63 \text{ D } 19 \text{ C } 6 \text{ B } 9 \text{ D } (56 \text{ A } 4) = ?$$

- Ans**
- ☐ 1. 96
 - ☐ 2. 62
 - ☐ 3. 120
 - ☒ 4. 84

Q.16 Who among the following took oath as the 26th Director General of the Indian Coast Guard in October 2024?

- Ans**
- ☐ 1. Manoj Kumar Dubey
 - ☐ 2. Ajit Kumar Saxena
 - ☒ 3. Paramesh Sivamani
 - ☐ 4. Vijaya Kishore Rahatkar

Q.17 Construction is classified under which sector in India?

- Ans**
- ☐ 1. Primary
 - ☐ 2. Quaternary
 - ☐ 3. Tertiary
 - ☒ 4. Secondary

Q.18 Which of the following devices processes data in the computer system?

- Ans**
- ☐ 1. RAM
 - ☐ 2. FDD
 - ☐ 3. HDD
 - ☒ 4. CPU

Q.19 If $x^2 + y^2 - 12x + 18y + 117 = 0$, then the value of $x^2 + y^2$ is:

- Ans**
- ☐ 1. 109
 - ☒ 2. 117
 - ☐ 3. 121
 - ☐ 4. 116

Q.20 Which country will host the 2025 FIFA Club World Cup, featuring the top football clubs from around the world?

- Ans**
- ☒ 1. United States
 - ☐ 2. Saudi Arabia
 - ☐ 3. Spain
 - ☐ 4. Qatar

Q.21 In 2024, which state was selected for the establishment of India's first commercial semiconductor fabrication plant under the India Semiconductor Mission?

- Ans**
- ☐ 1. Uttar Pradesh
 - ☐ 2. Maharashtra
 - ☒ 3. Gujarat
 - ☐ 4. Tamil Nadu

Q.22 The average of Sachin's marks in 7 subjects is 76. His average in six subjects excluding English is 70. How many marks did he get in English?

- Ans**
- ☐ 1. 114
 - ☐ 2. 113
 - ☐ 3. 111
 - ☒ 4. 112

Q.23 Within the cardiac conduction system, which structure is recognised as the primary pacemaker responsible for initiating each heartbeat?

- Ans**
- ☐ 1. Bundle of His
 - ☒ 2. Sinoatrial (SA) node
 - ☐ 3. Purkinje fibers
 - ☐ 4. Atrioventricular (AV) node

Q.24 What is the mode of the following data?

49, 54, 54, 43, 52, 49, 51, 46, 53, 43, 53, 49, 44, 45, 46, 44, 40, 50, 52, 49

- Ans**
- ☐ 1. 43
 - ☐ 2. 54
 - ☒ 3. 49
 - ☐ 4. 52

Q.25 The government of India decided that Medium-Term and Long-Term Government Deposit (MLTGD) components of Gold Monetisation Scheme (GMS) shall be discontinued from:

- Ans**
- ☐ 1. 26 January 2022
 - ☐ 2. 26 December 2024
 - ☒ 3. 26 March 2025
 - ☐ 4. 26 February 2023

Q.26 This question is based on the five, three-digit numbers given below.

(Left) 617 335 930 459 571 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(Note: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is added to the third digit of the lowest number?

- Ans**
- ☐ 1. 15
 - ☐ 2. 12
 - ☐ 3. 13
 - ☒ 4. 14

Q.27 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

QTM ORK MPI KNG ?

- Ans**
- ☐ 1. IKE
 - ☒ 2. ILE
 - ☐ 3. ILF
 - ☐ 4. IKF

Q.28 Lokesh ranked 24th from the top and 34th from the bottom in his class. How many students are there in his class?

- Ans**
- ☐ 1. 56
 - ☐ 2. 59
 - ☐ 3. 58
 - ☒ 4. 57

Q.29 VAGL is related to PUAF in a certain way based on the English alphabetical order. In the same way, XCIN is related to RWCH. To which of the following options is FKQV related, following the same logic?

- Ans**
- ☐ 1. ZEPK
 - ☐ 2. ZPKE
 - ☐ 3. ZPEK
 - ☒ 4. ZKEP

Q.30 Liberalisation enabled more autonomy and competition in the banking sector. Which of the following was the first private bank to be set up in India after the 1991 reforms?

- Ans**
- ☐ 1. ICICI Bank
 - ☐ 2. IndusInd Bank
 - ☒ 3. HDFC Bank
 - ☐ 4. Axis Bank

Q.31 What is the name of the SpaceX mission 2025 that will take astronauts directly over Earth's polar regions?

- Ans**
- ☐ 1. Polar Explorer
 - ☒ 2. Fram2
 - ☐ 3. Arctic Quest
 - ☐ 4. Antarctic Odyssey

Q.32 Which of the following is a window provided by the Reserve Bank of India (RBI) for banks to borrow overnight funds at a higher interest rate than the repo rate?

- Ans**
- ☒ 1. Marginal standing facility
 - ☐ 2. Standing deposit facility
 - ☐ 3. Open market operation
 - ☐ 4. Off budget financing

Q.33 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. NTP
 - ☐ 2. TZV
 - ☒ 3. KQN
 - ☐ 4. QWS

Q.34 As per February 2025 data, how many sports infrastructure projects have been approved under the Khelo India programme?

- Ans**
- ☐ 1. 423
 - ☐ 2. 223
 - ☒ 3. 323
 - ☐ 4. 123

Q.35 Which of the following can be settled in a Lok Adalat?

- Ans**
- ☐ 1. Public interest litigation
 - ☐ 2. Constitutional matters
 - ☒ 3. Compoundable offences
 - ☐ 4. Murder cases

Q.36 Who among the following has been elected as the Vice President of Institute of Chartered Accountants of India for the term 2025-26 in February 2025?

- Ans**
- ☐ 1. Charanjot Singh Nanda
 - ☐ 2. V Anantha Nageswaran
 - ☐ 3. Vivek Joshi
 - ☒ 4. Prasanna Kumar D

Q.37 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the letter-cluster that DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. NSP
 - ☐ 2. UZW
 - ☒ 3. IGL
 - ☐ 4. SXU

Q.38 Which of the following statements regarding the Namo Drone Didi scheme launched during 2024 are correct?
It is a central sector scheme aimed at empowering women-led SHGs through drone-based agricultural services.
The scheme is primarily implemented by the Ministry of Electronics and Information Technology.
The scheme aims to enhance the income of women SHGs by providing drones for use in agriculture.

- Ans**
- ☐ 1. Only 1 and 2
 - ☐ 2. 1, 2 and 3
 - ☒ 3. Only 1 and 3
 - ☐ 4. Only 2 and 3

Q.39 If Ojaswita received the following marks in five assignments: 82, 86, 92, 75, and 95, what is her average score?

- Ans**
- ☐ 1. 89
 - ☐ 2. 84
 - ☐ 3. 87
 - ☒ 4. 86

Q.40 Seven boxes, G, H, I, J, O, P and Q, are kept one over the other but not necessarily in the same order. Only G is kept above J. Only Q is kept between J and H. Only I is kept below P. How many boxes are kept between O and I?

- Ans**
- ☐ 1. Four
 - ☐ 2. Three
 - ☐ 3. Two
 - ☒ 4. One

Q.41 Srirangam Srinivasa Rao (Sri Sri), who received the Sahitya Akademi Award in 1972, primarily wrote poetry in which language?

- Ans**
- ☐ 1. Tamil
 - ☐ 2. Malayalam
 - ☒ 3. Telugu
 - ☐ 4. Kannada

Q.42 The volume (in cm^3) of a wire of diameter 14 cm and length 12 m is:

Take $\pi = \frac{22}{7}$

- Ans**
- ☐ 1. 1,84,700
 - ☐ 2. 1,84,400
 - ☒ 3. 1,84,800
 - ☐ 4. 1,84,300

Q.43 If $x = 2 + \sqrt{3}$, what is the value of $x^2 + \frac{1}{x^2}$?

- Ans**
- ☐ 1. 26
 - ☐ 2. 16
 - ☒ 3. 14
 - ☐ 4. 30

Q.44 T is the wife of S. L is the daughter of T. K is the sister of S. W is the mother of L's father. P is the son of S.

How is P related to K?

- Ans
- ☐ 1. Husband's father
 - ☒ 2. Brother's son
 - ☐ 3. Husband's brother
 - ☐ 4. Daughter's husband

Q.45 Simplify: $\frac{\left(\frac{15}{18}\right)}{\left(\frac{15}{3}\right)} \div \left(\frac{3}{6} \times \frac{12}{9} + \frac{2}{6}\right) + \frac{3}{8} \div \frac{18}{15}$ of $\frac{15}{8}$

- Ans
- ☒ 1. $\frac{1}{3}$
 - ☐ 2. $\frac{5}{7}$
 - ☐ 3. $\frac{7}{13}$
 - ☐ 4. $\frac{2}{9}$

Q.46 A cylinder is surmounted by a cone at one end and a hemisphere at the other end. The common radius is 7 cm, the height of the cylinder is 6 cm and the total height of the structure is 32 cm. Find the volume (in cm^3) of the structure.

Use $\pi = \frac{22}{7}$

- Ans
- ☐ 1. 2621
 - ☐ 2. 2620
 - ☒ 3. 2618
 - ☐ 4. 2616

Q.47 Pipe A can fill an empty cistern alone in 26 hours and pipe B can fill the same cistern alone in 36 hours. The time taken by them to fill half of the cistern by operating together will be:

- Ans
- ☐ 1. $16\frac{17}{31}$ hours
 - ☐ 2. $11\frac{17}{31}$ hours
 - ☐ 3. $15\frac{17}{31}$ hours
 - ☒ 4. $7\frac{17}{31}$ hours

Q.48 In this question, a group of number/symbol is coded using letter codes as per the codes given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/ symbol	8	6	*	%	9	&	3	+	@	5	\$	7	4
Code	W	C	E	J	F	A	D	Q	G	P	R	B	U

Conditions:

(I) If the first element is a number and the last a symbol, the codes for these two (the first and the last elements) are to be interchanged.

(II) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.

(III) If the third element is a perfect cube, the second element is to be coded as the code for the third element.

What will %987 be coded as?

- Ans**
- ☐ 1. JFWB
 - ☐ 2. JWFB
 - ☐ 3. BFWJ
 - ☒ 4. JWWB

Q.49 Each of the digits in the number 3178456 is arranged in ascending order from left to right. What will be the sum of the digits which are first from the left and second from the right in the new number thus formed?

- Ans**
- ☐ 1. 10
 - ☐ 2. 4
 - ☐ 3. 14
 - ☒ 4. 8

Q.50 When did the central office of the Reserve Bank of India shift to Mumbai?

- Ans**
- ☐ 1. 1947
 - ☐ 2. 1935
 - ☐ 3. 1949
 - ☒ 4. 1937

Q.51 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: QLO :: QLO : %

- Ans**
- ☐ 1. # = LLP, % = VOY
 - ☐ 2. # = KJJ, % = MYT
 - ☒ 3. # = LGJ, % = VQT
 - ☐ 4. # = LPU, % = VPY

Q.52 Find the greatest number by which when the numbers 176 and 273 are divided, it leaves remainders 5 and 3, respectively.

- Ans**
- ☐ 1. 14
 - ☐ 2. 12
 - ☒ 3. 9
 - ☐ 4. 10

Q.53 A and B invested money in a business in the ratio of 8 : 5. If 35% of the total profit goes for charity, and A's share in the profit is ₹7,770, what is the total profit?

- Ans**
- ✓ 1. ₹19,425
 - ✗ 2. ₹19,423
 - ✗ 3. ₹19,426
 - ✗ 4. ₹19,422

Q.54 Seven people, A, B, C, D, S, T, and U are sitting in a row, facing north. Only two people sit between T and C. Only D sits to the right of U. Only one person sits between C and U. B sits at some place to the right of S but at some place to the left of A. How many people sit between A and S?

- Ans**
- ✗ 1. Four
 - ✗ 2. Three
 - ✗ 3. One
 - ✓ 4. Two

Q.55 Which smallest number should be added to 25553 so that the sum is completely divisible by 38?

- Ans**
- ✗ 1. 23
 - ✗ 2. 22
 - ✗ 3. 18
 - ✓ 4. 21

Q.56 Amita, Babita, Geeta, Kavita, Meeta, Sarita, Vinita are sitting in a straight line, facing north. Geeta sits third to the right of Kavita. Sarita sits third to the left of Amita, who is third to the left of Meeta. Neither Sarita nor Babita sit immediately next to Kavita. Three of the following four are alike in a certain way based on the given arrangement and thus form a group. Which of the following does NOT belong to that group?

- Ans**
- ✗ 1. Sarita and Kavita
 - ✓ 2. Amita and Babita
 - ✗ 3. Vinita and Amita
 - ✗ 4. Babita and Meeta

Q.57 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.

SAME - AEMS - EMAS
GOAL - OLAG - LAOG

- Ans**
- ✗ 1. YEAK - YAEK - KAEY
 - ✓ 2. SINK - IKNS - KNIS
 - ✗ 3. RIPE - IRPE - EIPR
 - ✗ 4. LEAN - ELAN - NEAL

Q.58 Which of the following methods is the easiest way to sort files by name in File Explorer in Windows 11 OS?

- Ans**
- ✓ 1. Right-click → Select Group by → Name
 - ✗ 2. Use the Ctrl + S shortcut
 - ✗ 3. Click the Name column header in File Explorer
 - ✗ 4. Drag files into alphabetical order manually

Q.59 David's salary was first reduced by 17% and subsequently raised by 10%. How much percentage was his final salary lower compared to his initial salary?

- Ans ☒ 1. 8.7%
☐ 2. 17%
☐ 3. 1.7%
☐ 4. 10%

Q.60 Yōko Ogawa's novel "Mina's Matchbox" was translated into English and released in August 2024. What is the original language of the novel?

- Ans ☒ 1. Japanese
☐ 2. Korean
☐ 3. Vietnamese
☐ 4. Chinese

Q.61 Each of the digits in the number 1538672 is arranged in ascending order from left to right. What will the sum of the digits which are second from the left and second from the right in the new number thus formed be?

- Ans ☐ 1. 12
☐ 2. 8
☐ 3. 11
☒ 4. 9

Q.62 ABCD is a trapezium in which $BC \parallel AD$ and $AC = CD$. If $\angle ABC$:

- Ans ☐ 1. 174°
☐ 2. 161°
☐ 3. 188°
☒ 4. 164°

Q.63 Each of the digits in the number 4319286 is arranged in descending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

- Ans ☐ 1. Three
☐ 2. One
☐ 3. Two
☒ 4. None

Q.64 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All cats are bills.
No snakes are bills.
All snakes are dolls.

Conclusions:

(I) Some dolls are not cats.
(II) No bills are dolls.

- Ans ☒ 1. Only conclusion (I) follows.
☐ 2. Only conclusion (II) follows.
☐ 3. Neither conclusion (I) nor (II) follows.
☐ 4. Both conclusions (I) and (II) follow.

Q.65 In a laboratory thermometer, what is the usual temperature range?

- Ans**
- ☒ 1. -10°C to 110°C
 - ☐ 2. 94°F to 108°F
 - ☐ 3. 32°F to 212°F
 - ☐ 4. 0°C to 100°C

Q.66 What happens if a minister is not a member of the Parliament for six consecutive months?

- Ans**
- ☒ 1. The minister ceases to hold office.
 - ☐ 2. The minister can continue with special permission from the President.
 - ☐ 3. The Prime Minister can grant an extension.
 - ☐ 4. The minister must be re-elected within three months.

Q.67 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: YFI :: LSV : %

- Ans**
- ☐ 1. # = UBE, % = PWO
 - ☐ 2. # = UBE, % = BWZ
 - ☒ 3. # = UBE, % = PWZ
 - ☐ 4. # = VBE, % = PWZ

Q.68 Which of the following tribal groups is associated with the Hornbill Festival in Nagaland?

- Ans**
- ☐ 1. Ao
 - ☐ 2. Garo
 - ☐ 3. Mizo
 - ☒ 4. Naga

Q.69 What sum (in ₹) will earn an interest of ₹420 in 2 years at 5% simple interest per year?

- Ans**
- ☐ 1. ₹4,400
 - ☐ 2. ₹4,000
 - ☐ 3. ₹4,350
 - ☒ 4. ₹4,200

Q.70 India's Green Revolution began with experimental programmes. What was the first such initiative called?

- Ans**
- ☐ 1. Rural Employment Programme
 - ☐ 2. Operation Green
 - ☐ 3. National Seed Plan
 - ☒ 4. Intensive Agricultural District Programme

Q.71 A retailer allows a 10% discount on the marked price. What price (in ₹) must be marked on an item whose cost price is ₹626 to make a profit of 35%?

- Ans**
- ☒ 1. 939
 - ☐ 2. 942
 - ☐ 3. 937
 - ☐ 4. 938

Q.72 Seven boxes D, E, F, G, I, J and K are kept one over the other but not necessarily in the same order. No box is kept above F. Only three boxes are kept between F and K. Only one box is kept between D and E. E is kept immediately above K. Only four boxes are kept between D and G. J is kept at some place above I. Which box is kept second below J?

- Ans**
- ☒ 1. K
 - ☐ 2. G
 - ☐ 3. F
 - ☐ 4. D

Q.73 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

AZB 3, ZYA 9, YXZ 27, XWY 81, ?

- Ans**
- ☐ 1. WVX 729
 - ☐ 2. WWX 729
 - ☐ 3. VWX 729
 - ☒ 4. WVX 243

Q.74 Find the median from the following data.

Age in years	15-25	25-35	35-45	45-55	55-65	65-75	75-85
No. of patients	37	11	26	10	39	25	18

- Ans**
- ☐ 1. 59 years
 - ☐ 2. 68 years
 - ☒ 3. 54 years
 - ☐ 4. 72 years

Q.75 Find the nature of the roots of the quadratic equation $2x^2 + x + 3 = 0$.

- Ans**
- ☐ 1. Rational roots
 - ☐ 2. Real roots and equal
 - ☒ 3. Imaginary roots
 - ☐ 4. Distinct real roots

Q.76 The India-Afghanistan border is officially referred to as _____.

- Ans**
- ☒ 1. Durand Line
 - ☐ 2. Line of Control
 - ☐ 3. McMahon Line
 - ☐ 4. Radcliffe Line

Q.77 The Moplah Uprising (also known as the Malabar Rebellion) of 1921, which was against British rule and Hindu landlords, took place in which of the following locations?

- Ans**
- ☒ 1. Kerala
 - ☐ 2. Bengal
 - ☐ 3. Bombay
 - ☐ 4. Uttar Pradesh

Q.78 Anuj gets double the amount in 10 years when invested at compound interest, compounded annually. In how many years will the amount become four times itself?

- Ans
- ☐ 1. 19
 - ☒ 2. 20
 - ☐ 3. 40
 - ☐ 4. 39

Q.79 In one hour, a boat goes 46 km/hr in the direction of the stream and 36 km/hr against the direction of the stream. What will be the speed of the current?

- Ans
- ☒ 1. 5 km/hr
 - ☐ 2. 11 km/hr
 - ☐ 3. 4 km/hr
 - ☐ 4. 2 km/hr

Q.80 What should come in place of the question mark (?) in the given series?
28, 39, 61, 94, 138, ?

- Ans
- ☐ 1. 173
 - ☐ 2. 163
 - ☐ 3. 183
 - ☒ 4. 193

Q.81 Which force arises when a body is immersed in a fluid and displaces the fluid?

- Ans
- ☐ 1. Normal reaction
 - ☒ 2. Buoyant force
 - ☐ 3. Tension
 - ☐ 4. Spring force

Q.82 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(Note: All numbers are single digit numbers only.)

(Left) 3 3 & 7 * € 2 6 8 £ % 5 6 £ © 1 6 & % 8 # # (Right)

How many such numbers are there, each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans
- ☒ 1. 4
 - ☐ 2. 6
 - ☐ 3. 3
 - ☐ 4. 5

Q.83 The ratio of an exterior angle to the interior angle of a regular polygon A is 1 : 4. Find the number of sides of A.

- Ans
- ☐ 1. 9
 - ☐ 2. 12
 - ☐ 3. 8
 - ☒ 4. 10

Q.84 What should come in place of the question mark (?) in the given series?

4 10 19 34 58 ?

- Ans
- ☒ 1. 94
 - ☐ 2. 74
 - ☐ 3. 89
 - ☐ 4. 72

Q.85 The profit made on a product is 66%. What is the loss percentage (rounded off to two decimal place) incurred on the sale if the figures of both the cost price and the selling price are interchanged?

- Ans**
- ☐ 1. 38.40%
 - ☐ 2. 38.57%
 - ☐ 3. 41.12%
 - ☒ 4. 39.76%

Q.86 The 1991 reforms led to major tax policy changes to boost efficiency and compliance. Which tax reform, implemented in 2017, aimed to unify India's indirect tax structure?

- Ans**
- ☐ 1. VAT
 - ☒ 2. GST
 - ☐ 3. Service Tax
 - ☐ 4. Excise Duty

Q.87 Who was the Saka Kshatrapa king defeated by Chandragupta II?

- Ans**
- ☐ 1. Rudradaman
 - ☐ 2. Nahapana
 - ☒ 3. Rudrasimha III
 - ☐ 4. Rudrasena

Q.88 Which type of memory is non-volatile and is used to store essential system instructions in a computer?

- Ans**
- ☒ 1. ROM
 - ☐ 2. Cache Memory
 - ☐ 3. RAM
 - ☐ 4. Registers

Q.89 A grocer marked his goods 40% above their cost price and sold them at a discount of X%. If he gained 33% profit, then find the value of X.

- Ans**
- ☐ 1. 3
 - ☐ 2. 2
 - ☒ 3. 5
 - ☐ 4. 4

Q.90 Anushka walks to her office 5 km away from home. In the morning she covers the distance in 1 hour, whereas while returning home in the evening, she takes 15 more minutes to cover the same distance. Find her average speed (in km/hr) during the two-way journey.

- Ans**
- ☐ 1. $\frac{40}{11}$
 - ☐ 2. $\frac{38}{9}$
 - ☐ 3. $\frac{41}{9}$
 - ☒ 4. $\frac{40}{9}$

Q.91 What will come in place of 'A' in the given ratio?

$$\frac{138}{A} = \frac{4}{50}$$

Ans ☒ 1. 1725

☐ 2. 1723

☐ 3. 1726

☐ 4. 1724

Q.92 Two years ago, the average age of A, B and C was 66 years. Two years from now, the average age of A and C will be 89 years. What will be the age (in years) of B, four years from now?

Ans ☐ 1. 30

☐ 2. 37

☒ 3. 34

☐ 4. 31

Q.93 Vinay starts from Point A and drives 3 km towards the North. He then takes a right turn, drives 2 km, turns left and drives 3 km. He then takes a left turn and drives 6 km. He takes a final left turn, drives 6 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified)

Ans ☐ 1. 5 km to the East

☒ 2. 4 km to the East

☐ 3. 4 km to the West

☐ 4. 6 km to the East

Q.94 Which of the following accurately explains why a touchscreen can be considered both an input and an output device?

Ans ☐ 1. It only displays images but responds to voice commands.

☒ 2. It allows users to interact with visual data and sends touch signals to the computer.

☐ 3. It stores programs and lets users write directly to memory.

☐ 4. It processes user data internally and sends it to memory.

Q.95 Which of the following Articles of the Indian Constitution states about the appointment of the Comptroller and Auditor General of India?

Ans ☐ 1. Article 146

☒ 2. Article 148

☐ 3. Article 145

☐ 4. Article 147

Q.96 Hemant and Irfan can complete a certain piece of work in 6 and 10 days, respectively, They started to work together, and after 2 days, Irfan left. In how many days will Hemant complete the remaining work?

Ans ☐ 1. $\frac{17}{5}$

☒ 2. $\frac{14}{5}$

☐ 3. $\frac{9}{5}$

☐ 4. $\frac{11}{5}$

Q.97 The capital of Harshavardhana's empire was:

- Ans
- ☐ 1. Pataliputra
 - ☒ 2. Kannauj
 - ☐ 3. Thanesar
 - ☐ 4. Agra

Q.98 According to the NITI Aayog's discussion paper released in January 2024, which state recorded the highest number of people escaping multidimensional poverty between 2013-14 and 2022-23?

- Ans
- ☒ 1. Uttar Pradesh
 - ☐ 2. Bihar
 - ☐ 3. Jharkhand
 - ☐ 4. Rajasthan

Q.99 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(Note: All numbers are single digit numbers only.)

(Left) 3 © 3 # 1 & 5 £ 9 3 4 * & 2 2 % 2 2 7 © @ (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans
- ☐ 1. 5
 - ☒ 2. 3
 - ☐ 3. 4
 - ☐ 4. 2

Q.100 Simplify: $\sqrt{\frac{1 + \sin A}{1 - \sin A}} + \sqrt{\frac{1 - \sin A}{1 + \sin A}}$

- Ans
- ☒ 1. 2 sec A
 - ☐ 2. 2 sin A
 - ☐ 3. 2 cosec A
 - ☐ 4. 2 cos A



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	Aadarsh Pariksha Kendra CENTER A - Gate No 1 - Noida Sector 64
Test Date	24/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 In Windows 11 OS, which of the following is NOT allowed in a file or folder name?

- Ans**
- ☒ 1. Hyphens (-)
 - ☒ 2. Underscores (_)
 - ☒ 3. Letters and numbers
 - ☒ 4. Symbols like asterisk (*) or question mark (?)

Q.2 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☒ 1. GNI
 - ☒ 2. JQM
 - ☒ 3. LSO
 - ☒ 4. ELH

Q.3 The Cornwallis Code, introduced in 1793, is known for ____.

- Ans**
- ☒ 1. abolishing the zamindari system
 - ☒ 2. establishing uniform police and judiciary reforms
 - ☒ 3. promoting native Indians in judiciary
 - ☒ 4. introducing English as the court language

Q.4 On a circular path of 2742 m, Riya and Trisha start walking from the same point but in opposite directions at the speed of 4.6 m/s and X m/s, respectively. They will meet for the first time after 457 seconds. Find the value of X.

- Ans**
- ☒ 1. 0.8
 - ☒ 2. 2.2
 - ☒ 3. 1.4
 - ☒ 4. 1.1

Q.5 What are the units for base quantities called?

- Ans**
- ☒ 1. Derived basic units
 - ☒ 2. Basic constants
 - ☒ 3. Standard basic units
 - ☒ 4. Fundamental or base units

Q.6 Which of the following components is included in the Pradhan Mantri Awas Yojana PMAY-U 2.0 scheme launched in 2024 to provide housing solutions specifically for migrants and workers?

- Ans**
- ☐ 1. Subsidy scheme
 - ☒ 2. Affordable rental housing complexes
 - ☐ 3. Affordable housing for senior citizens
 - ☐ 4. Builders-led construction

Q.7 The simple interest (in ₹) on ₹2,200 at the rate of 5% per annum in 2 years is:

- Ans**
- ☐ 1. ₹270
 - ☐ 2. ₹320
 - ☐ 3. ₹170
 - ☒ 4. ₹220

Q.8 Which keyboard shortcut is used in MS PowerPoint 365 to start editing text inside a selected shape or text box?

- Ans**
- ☐ 1. Alt + Enter
 - ☐ 2. Ctrl + E
 - ☒ 3. F2
 - ☐ 4. F5

Q.9 Which of the following statements is/are correct regarding the Dandi March of 1930?

- (a) The march started from Sabarmati Ashram and ended at Dandi, covering a distance of 240 miles.
(b) The Dandi March led to the signing of the Poona Pact.

- Ans**
- ☐ 1. Only (b)
 - ☐ 2. Neither (a) nor (b)
 - ☒ 3. Only (a)
 - ☐ 4. Both (a) and (b)

Q.10 Which cytoskeletal protein is the major component of neurofilaments that helps maintain the caliber and integrity of large axons?

- Ans**
- ☐ 1. Actin protein
 - ☒ 2. Neurofilament protein
 - ☐ 3. Keratin protein
 - ☐ 4. Tubulin protein

Q.11 How are the proceedings and status of a Lok Adalat treated under Indian law?

- Ans**
- ☐ 1. Proceedings are informal and not recognised under any law.
 - ☐ 2. Proceedings are advisory and Lok Adalat is not considered a civil court.
 - ☒ 3. Proceedings are judicial and Lok Adalat is deemed a civil court under CrPC.
 - ☐ 4. Proceedings are not judicial and have no legal standing in courts.

Q.12 In a certain code language, 'LIKE' is coded as '5738' and 'TASK' is coded as '2819'. What is the code for 'K' in the given code language?

- Ans**
- ☐ 1. 9
 - ☐ 2. 2
 - ☐ 3. 3
 - ☒ 4. 8

Q.13 Find the value of $\frac{(0.06)^2 + (0.66)^2 + (0.666)^2}{(0.006)^2 + (0.066)^2 + (0.0666)^2}$.

- Ans**
- ☐ 1. 60
 - ☐ 2. 600
 - ☐ 3. 10
 - ☒ 4. 100

Q.14 India's demographic profile on the eve of independence reflected the socio-economic backwardness imposed by colonial rule. Which of the following options best describes the health care and nutrition status on the eve of independence?

- Ans**
- ☐ 1. High life expectancy with high birth rates and low death rate
 - ☐ 2. High life expectancy with low birth and death rates
 - ☒ 3. Low life expectancy with high birth and death rates
 - ☐ 4. Moderate life expectancy with declining birth and death rates

Q.15 Find the median from the following data.

Age in years	20-30	30-40	40-50	50-60	60-70	70-80	80-90
No. of patients	11	16	14	29	40	21	17

- Ans**
- ☒ 1. 61 years
 - ☐ 2. 80 years
 - ☐ 3. 79 years
 - ☐ 4. 59 years

Q.16 What should come in place of the question mark (?) in the given series?
 187, 173, 160, 148, 137, ?

- Ans**
- ☐ 1. 131
 - ☒ 2. 127
 - ☐ 3. 117
 - ☐ 4. 129

Q.17 A man has to cover a distance of 387 km in 18 hours. If he covers two-thirds of the distance at a speed of 10 km/hr, then what should his speed (in km/hr) be to cover the remaining distance?

- Ans**
- ☐ 1. 10.7
 - ☐ 2. 23.7
 - ☐ 3. 6.3
 - ☒ 4. 21.5

- Q.18** A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Numb er/sy mbol	9	7	6	-	8	@	#	+	2	%	÷	3	1	&
Code	C	R	J	Z	L	F	I	Y	Q	P	V	S	U	E

Conditions:

If the fourth element is a number, then it is to be coded as γ .

If the first element is a multiple of 3, then it is to be coded as β .

If the second and the fifth elements are symbols, then the codes for these two (the second and the fifth elements) are to be interchanged.

What will be the code for the following group?

9 # @ 2 7

- Ans** ☒ 1. β IF γ R
☐ 2. β IFQR
☐ 3. CIFQR
☐ 4. γ IF β R
- Q.19** Which Indian states does the Thar Desert primarily cover?
- Ans** ☐ 1. Gujarat and Maharashtra
☐ 2. Rajasthan and Punjab
☒ 3. Rajasthan and Gujarat
☐ 4. Rajasthan and Uttar Pradesh
- Q.20** Sohiti and Rohit have a certain sum of money in the ratio of 17 : 14 and they spend their money on purchasing books in the ratio of 12 : 8. After purchasing books each of them has ₹3,392. Find the amount of money that Sohiti initially had.
- Ans** ☐ 1. ₹7,218
☒ 2. ₹7,208
☐ 3. ₹7,274
☐ 4. ₹7,256
- Q.21** The difference between an interior angle and an exterior angle of a regular polygon is 140° . Find the number of sides of the polygon.
- Ans** ☒ 1. 18
☐ 2. 20
☐ 3. 15
☐ 4. 16
- Q.22** In India, which sector is responsible for transforming natural products into manufactured goods?
- Ans** ☐ 1. Primary sector
☐ 2. Information sector
☐ 3. Tertiary sector
☒ 4. Secondary sector

Q.23 Zakir starts from Point A and drives 7 km towards the South. He then takes a left turn, drives 2 km, turns right and drives 7 km. He then takes a left turn and drives 11 km. He then takes a left turn and drives 8 km. He then takes a left turn and drives 2 turns. He takes a final right turn, drives 6 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified.)

- Ans**
- ☐ 1. 9 km to the West
 - ☒ 2. 11 km to the West
 - ☐ 3. 10 km to the West
 - ☐ 4. 13 km to the West

Q.24 Which of the following scenarios would most effectively necessitate the use of a three-dimensional reference within an MS Excel formula?

- Ans**
- ☐ 1. Creating a chart that visualizes data points sourced from several different workbooks
 - ☐ 2. Applying conditional formatting to a range of cells based on values in another worksheet within the same workbook
 - ☐ 3. Calculating the average sales figures across multiple non-contiguous worksheets for the same product category
 - ☒ 4. Summing values from a specific cell across a sequence of identically structured worksheets representing monthly data for a year

Q.25 The 1991 economic reforms in India led to rapid industrialisation and expansion of energy-intensive sectors. Which market-based mechanism has India adopted to balance industrial growth, energy efficiency and emissions?

- Ans**
- ☐ 1. Food Security Act
 - ☐ 2. Make in India
 - ☐ 3. Green GDP Accounting
 - ☒ 4. Perform, Achieve and Trade (PAT) scheme

Q.26 This question is based on the five, three-digit numbers given below.

(Left) 514 414 422 875 167 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(Note: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is subtracted from the second digit of the lowest number?

- Ans**
- ☐ 1. -2
 - ☒ 2. -1
 - ☐ 3. 1
 - ☐ 4. 2

Q.27 If A varies directly as B, and A = 210 when B = 51, then find A when B = 136.

- Ans**
- ☐ 1. 559
 - ☐ 2. 558
 - ☒ 3. 560
 - ☐ 4. 563

Q.28 The median of the observations 54, 65, 77, 34, 68, 66, 60, 70, 33, 71 and 15 is:

- Ans**
- ☐ 1. 61
 - ☒ 2. 65
 - ☐ 3. 66
 - ☐ 4. 68

Q.29 Which smallest number should be added to 22938 so that the sum is completely divisible by 7?

- Ans
- ☐ 1. 5
 - ☐ 2. 6
 - ☒ 3. 1
 - ☐ 4. 2

Q.30 Which Indian Constitutional Amendment Act states about the minimisation of inequalities in income, status, facilities and opportunities as Directive Principle to State Policy?

- Ans
- ☐ 1. 86th Amendment Act of 2002
 - ☐ 2. 97th Amendment Act of 2011
 - ☐ 3. 42nd Amendment Act of 1976
 - ☒ 4. 44th Amendment Act of 1978

Q.31 If the length of a cuboid is 4 cm, breadth is 46 cm and volume is 8832 cm^3 , then find the height (in cm) of the cuboid.

- Ans
- ☐ 1. 41
 - ☒ 2. 48
 - ☐ 3. 43
 - ☐ 4. 57

Q.32 The success of the Green Revolution was dependent on institutional support. Which organisation played a key role in agricultural research and the dissemination of HYV seeds in India?

- Ans
- ☒ 1. ICAR
 - ☐ 2. NABARD
 - ☐ 3. DRDO
 - ☐ 4. NITI Aayog

Q.33 What is the primary purpose of the 'Sections' feature in MS PowerPoint when managing a large presentation?

- Ans
- ☐ 1. To apply different themes to specific groups of slides
 - ☐ 2. To create hyperlinks between different parts of the presentation
 - ☒ 3. To divide the presentation into logical groupings for better organization and navigation during editing and presenting
 - ☐ 4. To enable collaborative editing of specific parts of the presentation by different users

Q.34 This question is based on the five, three-digit numbers given below.

(Left) 103 678 217 111 537 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(Note: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the first digit of the lowest number?

- Ans
- ☐ 1. 10
 - ☐ 2. 6
 - ☒ 3. 8
 - ☐ 4. 12

Q.35 If $x^2 + y^2 - 10x + 26y + 194 = 0$, then the value of $x^2 + y^2$ is:

- Ans
- ☐ 1. 200
 - ☐ 2. 190
 - ☒ 3. 194
 - ☐ 4. 198

Q.36 Hitesh is three times as old as his son, and his daughter is 3 years younger than the son. If the sum of the ages of these three people 3 years ago was 123 years, then Hitesh's present age (in years) is:

- Ans
- ☒ 1. 81
 - ☐ 2. 72
 - ☐ 3. 88
 - ☐ 4. 91

Q.37 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All tanks are figs.

No eagles are tanks.

Some mugs are eagles.

Conclusions:

(I) Some figs are not eagles.

(II) Some mugs are not tanks.

- Ans
- ☐ 1. Only conclusion (I) follows.
 - ☒ 2. Neither conclusion (I) nor (II) follows.
 - ☐ 3. Both conclusions (I) and (II) follow.
 - ☐ 4. Only conclusion (II) follows.

Q.38 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: RMN :: TOP : %

- Ans
- ☒ 1. # = MHI, % = YTU
 - ☐ 2. # = KJI, % = YMU
 - ☐ 3. # = NHI, % = YOK
 - ☐ 4. # = MOU, % = YLU

Q.39 What is required for the generation of a sound wave?

- Ans
- ☐ 1. Air molecules only
 - ☐ 2. Vacuum only
 - ☐ 3. Electromagnetic carrier wave only
 - ☒ 4. Vibration and an elastic medium only

Q.40 Who is the first Indian boxer to win a gold medal at the World Boxing Cup 2025?

- Ans
- ☒ 1. Hitesh Gulia
 - ☐ 2. Jadumani Singh Mandengbam
 - ☐ 3. Manish Rathore
 - ☐ 4. Abhinash Jamwal

Q.41 Anu, Beena, Deepa, Heena, Kareena, Leena and Reena sit in a straight line, facing north. Kareena sits third to the right of Beena, who sits second to the right of Deepa. Reena sits to the immediate left of Leena. Anu sits second to the left of Heena. Three of the following four are alike in a certain way based on the given arrangement and thus form a group. Who among the following do NOT belong to that group?

- Ans**
- ☐ 1. Anu and Deepa
 - ☐ 2. Beena and Reena
 - ☐ 3. Leena and Kareena
 - ☒ 4. Heena and Reena

Q.42 Mr. RST starts from Point A and drives 16 km towards the south. He then takes a left turn, drives 6 km, turns left and drives 23 km. He then takes a left turn and drives 8 km, turns left and drives 3 km. He then takes a right turn and drives 4 km. He takes a final left turn, drives 4 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified)

- Ans**
- ☐ 1. 2 km to the south
 - ☐ 2. 5 km to the north
 - ☒ 3. 6 km to the east
 - ☐ 4. 3 km to the west

Q.43 What should come in place of the question mark (?) in the given series?

4 8 15 27 46 ? 113

- Ans**
- ☐ 1. 76
 - ☒ 2. 74
 - ☐ 3. 68
 - ☐ 4. 72

Q.44 David ranked 19th from the top and 25th from the bottom in his class. How many students are there in his class?

- Ans**
- ☒ 1. 43
 - ☐ 2. 44
 - ☐ 3. 42
 - ☐ 4. 45

Q.45 A manufacturer fixes his selling price at 30% over the cost of production. If the cost of production goes up by 30%, and the manufacturer raises his selling price by 70%, find the profit percentage.

- Ans**
- ☒ 1. 70%
 - ☐ 2. 73%
 - ☐ 3. 71%
 - ☐ 4. 69%

Q.46 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. HJD
 - ☐ 2. PRL
 - ☒ 3. PLO
 - ☐ 4. IKE

Q.47 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.

SAND - DSNA - SDAN
GUNT - TGNU - GTUN

- Ans**
- ☒ 1. POLE - EPLO - POEL
 - ☒ 2. JUNK - KJNU - JKUN
 - ☒ 3. FEAR - RFEA - EARF
 - ☒ 4. SEAL - ESAL - LEAS

Q.48 The LCM of 40, 78 and another number, x, is 7800. Which of the following can be the value of x?

- Ans**
- ☒ 1. 180
 - ☒ 2. 152
 - ☒ 3. 200
 - ☒ 4. 127

Q.49 The length of each of the two equal sides of an isosceles triangle is 41 cm and the length of its base is 18 cm. The area (in cm^2) of the triangle is:

- Ans**
- ☒ 1. 365
 - ☒ 2. 360
 - ☒ 3. 351
 - ☒ 4. 355

Q.50 This question is based on the five, three-digit numbers given below.

(Left) 307 485 194 237 937 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(Note: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is subtracted from the first digit of the lowest number?

- Ans**
- ☒ 1. -4
 - ☒ 2. -3
 - ☒ 3. -6
 - ☒ 4. -5

Q.51 Who elects the members of the Estimates Committee in the Indian Parliament?

- Ans**
- ☒ 1. Members of the Rajya Sabha
 - ☒ 2. Prime Minister
 - ☒ 3. Members of the Lok Sabha
 - ☒ 4. President of India

Q.52 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

DJ26 EK37 FL48 GM59 ?

- Ans**
- ☒ 1. HM70
 - ☒ 2. HN70
 - ☒ 3. HM71
 - ☒ 4. HN71

Q.53 A shopkeeper fixes the marked price of an item 50% above its cost price. What percentage of discount on the marked price should be allowed to gain 8%?

- Ans**
- ☐ 1. 27%
 - ☐ 2. 29%
 - ☐ 3. 30%
 - ☒ 4. 28%

Q.54 The average height of 15 boys out of a class of 50 is 160 cm. If the average height of the remaining boys is 168 cm, the average height (in cm) of all the boys of the class is:

- Ans**
- ☐ 1. 164
 - ☐ 2. 165
 - ☒ 3. 165.6
 - ☐ 4. 166.6

Q.55 Which city hosted the 55th International Film Festival of India in November 2024?

- Ans**
- ☐ 1. New Delhi
 - ☐ 2. Mumbai
 - ☐ 3. Bengaluru
 - ☒ 4. Panaji

Q.56 Which traditional method of Vedic chanting is regarded as the most complex and extensive among all the recitation styles?

- Ans**
- ☐ 1. Shikhapatha
 - ☐ 2. Jatapatha
 - ☐ 3. Dandapatha
 - ☒ 4. Ghanapatha

Q.57 Mohan can do a piece of work in 9 hours. Pramod can do it in 21 hours. With the assistance of Ashish, they completed the work in 6 hours. In how many hours can Ashish alone do twice the same work?

- Ans**
- ☐ 1. 254
 - ☐ 2. 251
 - ☒ 3. 252
 - ☐ 4. 253

Q.58 Each of the digits in the number 7416385 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that/those in the original number?

- Ans**
- ☒ 1. None
 - ☐ 2. One
 - ☐ 3. Three
 - ☐ 4. Two

Q.59 Which of the following is NOT one of the factors that the Prime Minister should consider when selecting ministers for the Union Council of Ministers in India?

- Ans**
- ☐ 1. Geographical representation
 - ☐ 2. Individual capacity and capability
 - ☒ 3. Representation of foreign communities
 - ☐ 4. Representation of backward classes

Q.60 The mean proportional between $9 + 3\sqrt{7}$ and $18 - 6\sqrt{7}$ is:

- Ans
- ☐ 1. 1
 - ☐ 2. 13
 - ☐ 3. 9
 - ☒ 4. 6

Q.61 What is the name of the equestrian competition event that began on March 25, 2025, and ended on March 30, 2025, where Niharika Singhania secured the first position?

- Ans
- ☐ 1. Asian Equestrian Games
 - ☐ 2. World Equestrian Cup
 - ☒ 3. Azelhof CSI Lier
 - ☐ 4. Indian Equestrian Championship

Q.62 Raj spent ₹1,200, ₹1,300, ₹1,400, ₹1,100, ₹1,300 and ₹1,200 on six consecutive days of a trip. What was his average daily spending over these six days?

- Ans
- ☐ 1. ₹1,300
 - ☐ 2. ₹1,150
 - ☒ 3. ₹1,250
 - ☐ 4. ₹1,350

Q.63 In April 2025, India and Italy strengthened their strategic partnership by advancing cooperation in which of the following areas?

- Ans
- ☐ 1. Tourism and cultural exchange
 - ☒ 2. Trade, defense, clean energy, and connectivity
 - ☐ 3. Education and healthcare
 - ☐ 4. Space exploration and agriculture

Q.64 The most important source for Samudragupta's reign is:

- Ans
- ☐ 1. Arthashastra
 - ☒ 2. Prayagraj Prashasti
 - ☐ 3. Milindapanho
 - ☐ 4. Vishnu Purana

Q.65 GG 12 is related to CB 29 in a certain way. In the same way, IK 2 is related to EF 19. To which of the following is RN -6 related, following the same logic?

- Ans
- ☐ 1. MI 6
 - ☒ 2. NI 11
 - ☐ 3. MH 6
 - ☐ 4. NH 11

Q.66 The Emperor of Gladness, set in East Gladness, Connecticut, is a 2025 novel by which author?

- Ans
- ☐ 1. John Scalzi
 - ☐ 2. Philip Pullman
 - ☐ 3. Dan Brown
 - ☒ 4. Ocean Vuong

Q.67 Each of the digits in the number 5123487 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

- Ans** ☒ 1. None
☐ 2. Two
☐ 3. One
☐ 4. Three

Q.68 Which factor primarily contributed to the development of nucleated settlements in the Bundelkhand region of central India?

- Ans** ☐ 1. Availability of mineral resources
☐ 2. Fertile soil and irrigation facilities
☒ 3. Security concerns and invasions
☐ 4. Proximity to trade routes

Q.69 Find the value of K, for which the quadratic equation $x^2 + 4x + K = 0$



- Ans** ☐ 1. 6
☐ 2. 5
☒ 3. 4
☐ 4. 3

Q.70 If 1 is added to each even digit and 1 is subtracted from each odd digit in the number 7521432, what will be the sum of digits which are second from left and third from right in the new number thus formed?

- Ans** ☐ 1. 6
☐ 2. 10
☐ 3. 8
☒ 4. 9

Q.71 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

10 - 20 - 30 - 60; 2 - 4 - 14 - 28

- Ans** ☐ 1. 12 - 24 - 34 - 64
☐ 2. 15 - 30 - 35 - 60
☒ 3. 5 - 10 - 20 - 40
☐ 4. 8 - 10 - 20 - 40

Q.72 Tejas gets double the amount in 11 years when invested at compound interest, compounded annually. In how many years will the amount become four times itself?

- Ans** ☐ 1. 44
☒ 2. 22
☐ 3. 43
☐ 4. 21

Q.73 A grocer marked his goods at 70% above the cost price and sold them at a discount of X%. If he gained 53% profit, then find the value of X.

- Ans**
- ☐ 1. 7
 - ☐ 2. 9
 - ☒ 3. 10
 - ☐ 4. 11

Q.74 Who among the following launched the IndiaAI initiatives in 2025?

- Ans**
- ☐ 1. Prime Minister of India
 - ☐ 2. Minister of Science and Technology
 - ☐ 3. Director of IndiaAI Mission
 - ☒ 4. Union IT Minister

Q.75 If $m = a \cos^3 \beta$ and $n = b \sin^3 \beta$, then find the value of $\left\{ \frac{m}{a} \right\}^{\frac{2}{3}} + \left\{ \frac{n}{b} \right\}^{\frac{2}{3}}$

- Ans**
- ☐ 1. 2
 - ☐ 2. 3
 - ☒ 3. 1
 - ☐ 4. 0

Q.76 VBCD is related to MTTV in a certain way based on the English alphabetical order. In the same way, LV SX is related to CNJP. To which of the following options is KXRZ related, following the same logic?

- Ans**
- ☐ 1. BPRI
 - ☒ 2. BPIR
 - ☐ 3. BROP
 - ☐ 4. BRIP

Q.77 Seven boxes D, E, F, G, I, J and K are kept one over the other but not necessarily in the same order. Only three boxes are kept above G. Only one box is kept between J and G. Only three boxes are kept between J and K. K is kept at some place above G. E is kept immediately below K. F is kept at one of the places above D. I is not kept immediately above or below J. Which box is kept at the lowermost position?

- Ans**
- ☒ 1. D
 - ☐ 2. G
 - ☐ 3. K
 - ☐ 4. F

Q.78 In which of the following buildings/towns constructed by the Mughals is Salim Chishti's tomb situated?

- Ans**
- ☐ 1. Taj Mahal
 - ☐ 2. Agra Fort
 - ☐ 3. Red Fort
 - ☒ 4. Fatehpur Sikri

Q.79 Who among the following was considered the first notable king of the Pushyabhuti dynasty, ruling from 580-605 CE?

- Ans**
- ☐ 1. Naravardhana
 - ☒ 2. Prabhakaravardhana
 - ☐ 3. Harshavardhana
 - ☐ 4. Rajyavardhana

Q.80 Which of the following is the primary objective of the Sagarmala Project by the Ministry of Shipping?

- Ans**
- ☐ 1. Inland waterway expansion
 - ☐ 2. Coastal city modernisation
 - ☐ 3. Port-led development
 - ☒ 4. Industrial corridor development

Q.81 The President of India possesses the power to remove or recall officials such as Governors and Ambassadors. This power is exercised based on the advice of:

- Ans**
- ☐ 1. a resolution passed by the Parliament
 - ☒ 2. the Union Council of Ministers
 - ☐ 3. the Supreme Court of India
 - ☐ 4. the State Governments

Q.82 S is the father of W. D is the only sister of W. R is the mother's mother of D. L, the mother of P, is married to S.

How is P related to W?

- Ans**
- ☐ 1. Sister's husband
 - ☐ 2. Father's brother
 - ☐ 3. Sister
 - ☒ 4. Brother

Q.83 Crisil projects India's bank credit growth to accelerate to how much percentage in FY26?

- Ans**
- ☐ 1. 13-14%
 - ☐ 2. 15-16%
 - ☐ 3. 14-15%
 - ☒ 4. 12-13%

Q.84 Which of the following is an example of a Tier I city in India?

- Ans**
- ☒ 1. Kolkata
 - ☐ 2. Bhopal
 - ☐ 3. Jaipur
 - ☐ 4. Amritsar

Q.85 A hollow spherical shell is made of a metal of density 7 g/cm^3 . Its internal and external radii are 0 cm and 3 cm, respectively. What is the approximate weight (in kg) of the shell?

$$\left(\text{Take } \pi = \frac{22}{7}, \text{Density} = \frac{\text{Mass}}{\text{Volume}} \right)$$

- Ans**
- ☐ 1. 2.14
 - ☒ 2. 0.792
 - ☐ 3. 2.208
 - ☐ 4. 2.15

Q.86 A number when increased by $57\frac{1}{2}\%$, gives 378. The number is:

- Ans**
- ☐ 1. 100
 - ☐ 2. 200
 - ☒ 3. 240
 - ☐ 4. 400

Q.87 Consider the following statements regarding the visit of Indian Navy's First Training Squadron (1TS) to Thailand in March 2025.
INS Sujata, INS Shardul and ICGS Veera were part of the Indian Navy's First Training Squadron that visited Phuket Deep Sea Port.
The Indian ships conducted PASSEX with HTMS Huahin.
The visit included war-like drills, such as simulated naval combat and live-fire exercises.

Which of the above statements is/are correct?

- Ans**
- ☐ 1. 1, 2 and 3
 - ☐ 2. Only 1
 - ☒ 3. Only 1 and 2
 - ☐ 4. Only 2 and 3

Q.88 'Swaraj Dweep', a popular tourist destination known for its beaches, is located in:

- Ans**
- ☐ 1. Lakshadweep Islands
 - ☐ 2. Daman and Diu
 - ☐ 3. Gulf of Mannar
 - ☒ 4. Andaman and Nicobar Islands

Q.89 If $72 \div 18 \times 3^2 - 21 \times 12 \div 3 + 12 = z$, then find value of z.

- Ans**
- ☐ 1. -31
 - ☐ 2. -44
 - ☒ 3. -36
 - ☐ 4. -28

Q.90 Which international organisation launched the 'AI for Good' initiative in 2025?

- Ans**
- ☐ 1. International Monetary Fund
 - ☐ 2. United Nations Educational, Scientific and Cultural Organisation
 - ☐ 3. Organisation for Economic Co-operation and Development
 - ☒ 4. International Telecommunication Union

Q.91 Seven people, A, B, C, D, S, T, and U are sitting in a row, facing north.
No one sits to the right of D. Only three people sit between D and S. Only two people sit between S and T. C sits third to the left of U. A sits to the immediate right of U.
How many people sit between B and T?

- Ans**
- ☐ 1. One
 - ☐ 2. Four
 - ☐ 3. Two
 - ☒ 4. Three

Q.92 Which policy of the British greatly affected the tribal landholding patterns and led to widespread discontent among the tribes, thereby fueling rebellions?

- Ans**
- ☐ 1. Doctrine of Lapse
 - ☐ 2. The Ryotwari System
 - ☒ 3. Forest Laws and land settlements
 - ☐ 4. Permanent Settlement

Q.93 If 'P' stands for '×', 'Q' stands for '÷', 'R' stands for '-' and 'S' stands for '+', then what will come in place of the question mark (?) in the following equation?

$$(110 \text{ R } 32) \text{ Q } 2 \text{ S } 9 \text{ P } 4 \text{ R } 21 = ?$$

- Ans**
- ☐ 1. 48
 - ☐ 2. 22
 - ☒ 3. 54
 - ☐ 4. 36

Q.94 In a row of 22 students facing north, Suman is 14th from the left end. If Dipa is 2nd to the right of Suman, what is Dipa's position from the right end of the line?

- Ans**
- ☒ 1. 7th
 - ☐ 2. 8th
 - ☐ 3. 6th
 - ☐ 4. 5th

Q.95 In a certain code language, 'CURE' is coded as '5783' and 'RIGS' is coded as '2179'. What is the code for 'R' in the given code language?

- Ans**
- ☐ 1. 1
 - ☐ 2. 2
 - ☐ 3. 8
 - ☒ 4. 7

Q.96 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

AAA 5, BCD 10, CEG 15, DGJ 20, ?

- Ans**
- ☐ 1. EGM 25
 - ☐ 2. ETM 25
 - ☐ 3. EKM 25
 - ☒ 4. EIM 25

Q.97 Sharad can complete a piece of work alone in 13 days and Varad can complete the same piece of work alone in 9 days. They started the work together, but Varad had to leave 11 days before the completion of the work. In how many days will the work complete?

- Ans**
- ☐ 1. $12\frac{2}{11}$
 - ☒ 2. $11\frac{9}{11}$
 - ☐ 3. $9\frac{10}{11}$
 - ☐ 4. $10\frac{5}{11}$

Q.98 Which of the following statements DOES NOT describe the primary difference between SRAM and DRAM in terms of their internal architecture and performance characteristics?

- Ans**
- ☐ 1. SRAM uses more transistors per bit to store data, providing faster access times compared to DRAM.
 - ☒ 2. SRAM is faster and more expensive, making it suitable for main system memory, while DRAM is slower and cheaper, making it ideal for Cache memory.
 - ☐ 3. SRAM uses more transistors (typically six per cell), which makes it less dense, while DRAM uses just one transistor and one capacitor per cell, making it more compact.
 - ☐ 4. SRAM is much faster because it has a simple design and doesn't need to refresh data, while DRAM is slower due to the need for periodic refreshes.

Q.99 What was the theme of Financial Literacy Week 2025 observed from 24 to 28 February?

- Ans**
- ☐ 1. Go Digital, Go Secure
 - ☐ 2. Financial Literacy: A Step Towards Empowerment
 - ☒ 3. Financial Literacy - Women's Prosperity
 - ☐ 4. Credit Discipline and Credit from Formal Institutions

Q.100 If A's salary is 12% more than that of B, then by what percentage is B's salary less than that of A (correct to two decimal places)?

- Ans**
- ☐ 1. 12.47%
 - ☐ 2. 13.26%
 - ☒ 3. 10.71%
 - ☐ 4. 11.73%