रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

सी ई एन ०१/२०१९ - एन टी पी सी - CEN 01/2019 - NTPC

RRB NTPC 2019 CBT-2 Level 4

Non-Technical Popular Categories | CEN 01/2019 | CBT-2 | Pay Level 4

ENGLISH ANSWER KEY

Official Answer Key

Complete Paper · 10-05-2022

Questions	120
Marking	+1 correct / -1/3 wrong
Duration	90 minutes
Sections	Maths 35 · Reasoning 35 · GA 50

Every paper is set out as the official RRB response sheet, typed from the saved paper, with the official answer key marked. No candidate details are included.

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1. Open the INDEX on the next page.
2. Click any row to jump straight to that date and shift.
3. The correct option is ticked in green; the other options are crossed in red.
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Compiled 02 November 2026

INDEX · Click any row to open that paper

RRB NTPC 2019 CBT-2 Level 4 (English) · 1 shifts

DAY	DATE	SHIFT	TIME	PAGE
Day 1	**10-05-2022**	Shift 1	10:30 - 12:00	**3**

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सी ई एन ०१/२०१९ - एन टी पी सी - CEN 01/2019 - NTPC

Test Date	10/05/2022
Test Time	10:30 AM - 12:00 PM
Subject	NTPC

*** 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.

Section : **NTPC**

Q.1 Let N be the least number which when divided by 15, 25, 35, 40 and 42, the remainder in each case is 1 and N is divisible by 271. What is the sum of digits of N?

Ans
- ✗ A. 18
- ✗ B. 14
- ✓ C. 13
- ✗ D. 17

Q.2 Six people A, B, C, D, E and F are sitting around a circular table facing the centre. C sits second to the left of D. A is an immediate neighbour of D. F sits third to the left of A. B sits second to the left of E.
Who sits to the immediate right of C?

Ans
- ✗ A. B
- ✗ B. F
- ✓ C. A
- ✗ D. E

Q.3 Mahatma Gandhi headed to _____ to end the salt monopoly by introducing the Salt Satyagraha.

Ans
- ✓ A. Dandi
- ✗ B. Sabarmati
- ✗ C. Delhi
- ✗ D. Surat

Q.4 Who won the 'NSG Counter-IED and Counter-Terrorism Innovator Award 2021'?

Ans
- ✗ A. Shishir Sinha
- ✗ B. Manoj Chaudhury
- ✗ C. K Krishnaiah
- ✓ D. Shailesh Ganpule

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Q.5 A boy walking at the rate of 4 km per hour crosses a square field diagonally in 36 seconds. What is the area (in m^2) of the field?

Ans

✔ A. 800

✘ B. 1600

✘ C. $\frac{800}{\sqrt{2}}$

✘ D. $800\sqrt{2}$

Q.6 Read the given statement and conclusions carefully. Decide which of the given conclusions logically follow(s) from the statement.

Statement:

India is a country of multiple languages.

Conclusions:

I. All Indians can speak multiple languages.

II. Every country has multiple languages.

Ans

✘ A. Only conclusion II follows

✘ B. Only conclusion I follows

✔ C. Neither conclusion I nor II follows

✘ D. Both conclusions I and II follow

Q.7 Who is known as the father of genetics?

Ans

✘ A. Charles Darwin

✘ B. Robert Hook

✔ C. Gregor Mendel

✘ D. EP Odum

Q.8 _____ is a group of hunter gatherers native to Central Africa, mainly to Congo.

Ans

✘ A. Ainu

✘ B. Bedouin

✔ C. Pygmies

✘ D. Kirghiz

Q.9 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the one that is different.

Ans

✔ A. 343 : 728

✘ B. 125 : 343

✘ C. 216 : 512

✘ D. 64 : 216

Q.10 If 'P&Q' indicates that 'P is the son of Q', and 'PSQ' indicates that 'P is the sister of Q', then which of the following expressions would indicate that 'Y is the mother of Z'?

Ans

✔ A. Z&Y$X

✘ B. X$Y&Z

✘ C. Z$Y&X

✘ D. X&Y$Z

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Q.11 The value of $4\frac{1}{3} \div \left[2\frac{2}{3} - \frac{1}{3} \times \left(4\frac{1}{2} - 3\frac{1}{3}\right)\right]$ is

Ans

✗ A. $1\frac{2}{5}$

✓ B. $1\frac{37}{41}$

✗ C. $1\frac{14}{25}$

✗ D. $1\frac{1}{25}$

Q.12 _____ is a magnetically thin coated piece of plastic wrapped around wheels which is sequential access and is often used for backing up large amounts of data.

Ans

✗ A. DRAM

✗ B. SSD

✗ C. Hard disk

✓ D. Magnetic tape

Q.13 Which of the following has the shortest wavelength?

Ans

✗ A. X-rays

✗ B. Visible rays

✓ C. Gamma rays

✗ D. Infrared rays

Q.14 Ram and Rahim together have ₹1210. If $\frac{1}{3}$ of Ram's money is equal to $\frac{2}{5}$ of Rahim's amount, then what is the amount (in ₹) that Rahim has?

Ans

✓ A. 550

✗ B. 650

✗ C. 660

✗ D. 560

Q.15 The Red Fort Complex in New Delhi was inscribed on the UNESCO World Heritage List in the year _____.

Ans

✗ A. 2005

✗ B. 2010

✓ C. 2007

✗ D. 2000

Q.16 Simplify:

$$[(7 \times 9) + (3 \times 8) + 3] \div [(9 \times 4) + (72 \div 8)]$$

Ans

✗ A. 3

✓ B. 2

✗ C. 4

✗ D. 5

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Q.17 The Fundamental Duties of citizens were added to the Constitution of India by the:

Ans

✗ A. 51^{st} Amendment Act

✗ B. 23^{rd} Amendment Act

✗ C. 1^{st} Amendment Act

✓ D. 42^{nd} Amendment Act

Q.18 In which year did the Indian Parliament pass the Citizenship Act?

Ans

✗ A. 1953

✗ B. 1956

✗ C. 1959

✓ D. 1955

Q.19 On 16 February 2021, Ngozi Okonjo-Iweala was appointed as the seventh Director-General of the WTO. Which country does she belong to?

Ans

✓ A. Nigeria

✗ B. Kenya

✗ C. Uganda

✗ D. Zambia

Q.20 If $\sin\theta = \frac{4}{5}$, and $0^o < \theta < 90^o$, then find the value of

$$\frac{3\tan\theta - 5\cos\theta}{3\sec\theta - 4\cot\theta}$$

Ans

✗ A. 1

✗ B. 0

✓ C. $\frac{1}{2}$

✗ D. $\frac{1}{4}$

Q.21 Which of the following neighbouring countries of India has the largest land area?

Ans

✗ A. Pakistan

✓ B. China

✗ C. Myanmar

✗ D. Bangladesh

Q.22 Sunil starts walking from Point R. He walks 28 m towards the west, turns right and walks for 20 m to reach point M. He then takes a left turn, walks for 30 m, takes a left turn and walks for 28 m to reach Point S. He finally takes a left turn and walks for 48 m to reach Point Z.

In which direction is Point Z with respect to Point R? (All turns are 90^o turns only)

Ans

✓ A. South-West

✗ B. North-West

✗ C. South

✗ D. North

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Q.23 What was the population density of India, as per the data of Census 2011?

Ans

✗ A. 470 persons/km^2

✓ B. 382 persons/km^2

✗ C. 324 persons/km^2

✗ D. 250 persons/km^2

Q.24 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 pharmacists are statisticians.

Some statisticians are mathematicians.

Conclusions:

I. All pharmacists are mathematicians.

II. Some pharmacists are mathematicians.

III. Some mathematicians are statisticians.

IV. Some statisticians are pharmacists.

Ans

✗ A. Both conclusions I and II follow.

✗ B. Both conclusions IV and I follow.

✓ C. Both conclusions III and IV follow.

✗ D. Both conclusions II and III follow.

Q.25 Which of the following keys is used to create a new paragraph in MS-Word?

Ans

✗ A. Ctrl

✗ B. Esc

✓ C. Enter

✗ D. Spacebar

Q.26 Six people C, D, E, K, L and M are each of a different height. E is shorter than only L. Only one person is shorter than C. K is shorter than D but taller than M. How many people are shorter than K?

Ans

✗ A. More than three

✗ B. One

✓ C. Two

✗ D. Three

Q.27 Find the total surface area (in m^2) of a cone, if its slant height is 32 m and diameter of its base is 48 m.

[Use $\pi = \frac{22}{7}$]

Ans

✗ A. 4424

✗ B. $12077\frac{4}{7}$

✗ C. $12067\frac{4}{7}$

✓ D. 4224

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Q.28 Kritika lends ₹64000 to Nidhi for a year at 25% interest per annum, compounded half yearly. Find the interest that has to be paid by Nidhi.

Ans

✗ A. ₹ 17100

✓ B. ₹ 17000

✗ C. ₹ 17200

✗ D. ₹ 17300

Q.29 Kautilya in Arthashastra has mentioned _____ sources of law.

Ans

✗ A. two

✗ B. eleven

✓ C. four

✗ D. seven

Q.30 Ravish has read $\frac{4}{5}$ of a book while Soma has read only $\frac{5}{8}$ of the book she is reading. Both however have another 120 pages of their respective books remaining to be read. What fraction of the number of pages read by Ravish has been read by Soma?

Ans

✗ A. $\frac{1}{2}$

✗ B. $\frac{7}{12}$

✓ C. $\frac{5}{12}$

✗ D. $\frac{25}{32}$

Q.31 Six friends are sitting in a circle facing the centre of the circle. Veena and Sadvi are the immediate neighbours of Pooja. Anil and Guna are the immediate neighbours of Giri. Anil is to the immediate left of Veena. Who is to the immediate right of Veena?

Ans

✓ A. Pooja

✗ B. Sadvi

✗ C. Guna

✗ D. Anil

Q.32 SN Ghormade took over which charge in July 2021?

Ans

✗ A. Chief of the Air Staff

✗ B. Director General of Air Operations

✓ C. Vice Chief of Naval Staff

✗ D. Deputy Chief of Integrated Defence Staff

Q.33 The Ancient Monuments Preservation Act was enacted in the year ____.

Ans

✗ A. 1905

✓ B. 1904

✗ C. 1902

✗ D. 1901

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Q.34 The Malpighian tubules are characteristic of:

Ans
- ✔ A. Arthropoda
- ✘ B. Chordata
- ✘ C. Annelida
- ✘ D. Echinodermata

Q.35 If 21st February 2005 was a Sunday, then what would be the day of the week on 21st February 2007?

Ans
- ✘ A. Thursday
- ✘ B. Wednesday
- ✔ C. Tuesday
- ✘ D. Monday

Q.36 The book 'Clear Light of Day' has been written by _____.

Ans
- ✘ A. Kiran Desai
- ✘ B. Jhumpa Lahiri
- ✔ C. Anita Desai
- ✘ D. Nikita Lalwani

Q.37 Under which Article of the Constitution of India is the Village Panchayat organised?

Ans
- ✘ A. Article 37
- ✘ B. Article 38
- ✘ C. Article 39
- ✔ D. Article 40

Q.38 The HCF of 1683, 2244 and 5049 is x .The sum of digits of x is

Ans
- ✘ A. 15
- ✔ B. 12
- ✘ C. 11
- ✘ D. 13

Q.39 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

_ BCD _ _ ABC _ _ E _ BC _ _ _ ABC _ DE

Ans
- ✘ A. AADEDDDDED
- ✘ B. ADEADDEDDD
- ✔ C. ADEDDADDED
- ✘ D. ADDADDEDDE

Q.40 Euro is the common currency of which of the following international groupings?

Ans
- ✘ A. South Asian Association for Regional Cooperation
- ✘ B. Association of South Asian Nations
- ✔ C. European Union
- ✘ D. Gulf Cooperation Council

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Q.41 A, B and C can complete a work in 12, 16 and 24 days respectively. B and C worked together for 4 days then C left the work and A replaced him. In how many days will the remaining work be completed?

Ans

✗ A. 2 days

✓ B. 4 days

✗ C. 5 days

✗ D. 3 days

Q.42 The series of coalescing alluvial fans along a mountain front is called a:

Ans

✗ A. floodplain

✗ B. mesa

✗ C. bouma sequence

✓ D. bajada

Q.43 Punit, Qumar, Rohit, Sheetal, Tabir, and Umesh live in a multi-storeyed building. Qumar lives immediately below the floor where Umesh lives. Sheetal lives immediately below the floor where Qumar lives. Tabir lives on one of the floors below the floors where Qumar and Sheetal live but he lives on one of the floor above the floor where Punit lives. Tabir lives immediately below the floor where Rohit lives. Rohit lives immediately below the floor where Sheetal lives. Who lives on the top floor?

Ans

✗ A. Qumar

✗ B. Sheetal

✓ C. Umesh

✗ D. Punit

Q.44 Eight people M, N, P, S, T, V, X and Y are sitting in a straight row and all are facing north. M sits second from one of the extreme ends of the row. Only two people sit between M and N. P sits second to the right of N. As many people sit to the right of P as to the left of S. More than three people sit between S and T. V sits to the immediate right of X. Who sits third to the left of Y?

Ans

✓ A. V

✗ B. P

✗ C. X

✗ D. T

Q.45 How many such pairs of letters are there in the word 'CLUSTERS'(in both the forward and backward directions) which have as many letters between them in the word as there are in the English alphabetical order?

Ans

✓ A. 3

✗ B. 1

✗ C. 0

✗ D. 2

Q.46 The Himalayan mountain range is a kind of _____.

Ans

✗ A. block mountains

✗ B. volcanic mountains

✓ C. fold mountains

✗ D. relict mountains

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Q.47 In 2018, the Hon'ble Prime Minister announced that India would phase-out single use plastic by which year?

Ans

✗ A. 2021

✗ B. 2023

✓ C. 2022

✗ D. 2020

Q.48 JUG is related to LSI as per the English alphabetical order in the same way as WIN is related to YGP. Following the same pattern, APT is related to _____.

Ans

✗ A. CRV

✗ B. CRR

✗ C. CNR

✓ D. CNV

Q.49 Ten people are sitting in two parallel rows 1 and 2. A, B, C, D and E are sitting in row 1 facing north, and V, W, X, Y and Z are sitting in row 2 facing south, in such a way that each member in row 1 faces a member of row 2.
A sits second from the right end of the row. W faces an immediate neighbour of A. X sits third to the right of W. The one who faces X, sits to the immediate right of B. Only one person sits between B and C. V sits to the immediate right of Y. D does not sit at any of the extreme ends of the row.
Who faces Z?

Ans

✗ A. D

✗ B. E

✓ C. B

✗ D. C

Q.50 A working clock is placed on a table in such a manner that at 9.00 p.m., its hour hand is pointing towards north. If the same clock remains in the same position, in which direction will the minute hand point at 2.00 a.m.?

Ans

✓ A. East

✗ B. South

✗ C. West

✗ D. North

Q.51 To do a certain work, the ratio of the efficiencies of A, B and C is 3:5:8. Working together, they can complete the same work in 15 days. If only A and B work together for 12 days and leave, and then C comes to complete the remaining work, for how many days will C work?

Ans

✗ A. 10

✗ B. 15

✓ C. 18

✗ D. 12

Q.52 Select the number from among the given options that can replace the question mark (?) in the following series.

0, 1, 2, 5, 26, ?

Ans

✗ A. 69

✓ B. 677

✗ C. 475

✗ D. 27

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Q.53 In a certain code language, LOCAL is written as MADOM and GLOBAL is written as HMACOM. How will ROMAN be written in that language?

Ans
- ✗ A. SANAM
- ✓ B. SANOO
- ✗ C. SONAM
- ✗ D. SPNOM

Q.54 By selling a chair for ₹2858.77, a person gains 27%. Find the cost price of the chair.

Ans
- ✓ A. ₹2251
- ✗ B. ₹2150
- ✗ C. ₹2151
- ✗ D. ₹2250

Q.55 Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$6.05 - 15.95 \div 3.95 \div 2.99 \times 7.04 = ?$

Ans
- ✗ A. 18
- ✗ B. 30
- ✓ C. 23
- ✗ D. 13

Q.56 On 15 February 2021, which of the following authors was honoured with the Sanctuary Lifetime Service Award 2020?

Ans
- ✓ A. S Theodore Baskaran
- ✗ B. Shashi Tharoor
- ✗ C. Vikram Seth
- ✗ D. Arundhati Roy

Q.57 In a certain code language,
'heard their voice' is coded as 'nu ca es',
'their car was heard' is coded as 'hy ta es nu',
'voice was heard' is coded as 'es ta ca'.
(Note: All codes are two letter codes only)

What is the probable code for 'heard car' in the given code language?

Ans
- ✗ A. nu hy
- ✓ B. hy es
- ✗ C. ta ca
- ✗ D. es ta

Q.58 VR Chaudhari was appointed to which post in September 2021?

Ans
- ✗ A. Air Officer in Charge of Personnel
- ✗ B. Director General of Air Operations
- ✓ C. Chief of the Air Staff
- ✗ D. Air Officer Commanding-in-Chief

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Q.59 As per Economic Survey 2021-22, the _____ sector contributed the most to the GDP of India during the year.

Ans

✔ A. Service

✘ B. Education

✘ C. Agricultural

✘ D. Medical

Q.60 By selling 8 pens for ₹75, a shopkeeper loses 25%. How many pens should he sell for ₹372 so as to earn a 24% profit?

Ans

✔ A. 24

✘ B. 20

✘ C. 30

✘ D. 18

Q.61 k is the greatest number which, when divides 2996, 4752 and 7825, the remainder in each case is the same. The product of the digits of k is

Ans

✘ A. 84

✔ B. 108

✘ C. 120

✘ D. 72

Q.62 If an 8-digit number 256139A4 is divisible by 11, find the value of A.

Ans

✔ A. 8

✘ B. 7

✘ C. 6

✘ D. 9

Q.63 The value of $\frac{12-[(3-5)\times4]\div8-8+[6\div(12\times2)]}{9\times15\div(12\times10)-[12\div(6\times2)]}$ is:

Ans

✘ A. $\frac{3}{4}$

✘ B. 48

✔ C. 42

✘ D. $\frac{21}{17}$

Q.64 A cylinder is inscribed in a sphere. The radius of the sphere is $\frac{5}{6}$ times the height of the cylinder. What is the ratio of the volume of the cylinder to the volume of the sphere?

Ans

✘ A. 36:25

✘ B. 6:5

✔ C. 72:125

✘ D. 27:50

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Q.65 The area of a square is $81x^2+72x+16$. Find the measure of each side of the square, where $x > 0$.

Ans

✗ A. $2\left(\frac{9x}{2}+1\right)$

✗ B. $9x+2$

✗ C. $\left(\frac{9x}{2}+2\right)$

✓ D. $2\left(\frac{9x}{2}+2\right)$

Q.66 In each of the given number-clusters, the number on the right side of = (the equal to sign) is calculated by performing certain mathematical operations on the two numbers on the left of = (the equal to sign). All three number-clusters follow the same pattern. Select the number from among the given options that can replace the question mark (?) in the third number-cluster.

12, 33 = 57

10, 28 = 48

14, 39 = ?

Ans

✗ A. 61

✗ B. 71

✗ C. 57

✓ D. 67

Q.67 River Ganga does NOT pass through which of the following states?

Ans

✗ A. Uttar Pradesh

✗ B. Uttarakhand

✗ C. Bihar

✓ D. Madhya Pradesh

Q.68 Ram and Dipti each invested a sum of ₹8000 for a period of two years at 30% compound interest per annum. However, while for Ram the interest was compounded annually, for Dipti it was compounded every eight months. How much more will Dipti receive as interest compared to Ram at the end of the two-year period?

Ans

✗ A. ₹296

✗ B. ₹312

✓ C. ₹304

✗ D. ₹320

Q.69 Ruchira was supposed to complete a task in 22 days. However, during the first 10 days she did only $\frac{1}{30}$ of the work on each day. What share of the work will Ruchira have to do daily from the 11^{th} day so that the work is completed on time?

Ans

✓ A. $\frac{1}{18}$

✗ B. $\frac{1}{19}$

✗ C. $\frac{2}{39}$

✗ D. $\frac{3}{44}$

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Q.70 Which of the following is primarily an economic union of the Post-Soviet states located in Eastern Europe, Western Asia and Central Asia?

Ans

✗ A. CARICOM Single Market and Economy

✓ B. Eurasian Economic Union

✗ C. Andean Community

✗ D. European Union

Q.71 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

AEJOT, XBGLQ, UYDIN, ?

Ans

✗ A. RVBFJ

✗ B. RUBDG

✗ C. RVBGJ

✓ D. RVAFK

Q.72 The least populated district of India as per 2011 Census is located in which of the following states?

Ans

✗ A. Assam

✗ B. Himachal Pradesh

✓ C. Arunachal Pradesh

✗ D. Uttarakhand

Q.73 Which term did the farm scientist M S Swaminathan coin, which implies productivity improvement in perpetuity without ecological and social harm?

Ans

✗ A. Green Revolution

✗ B. Forever Revolution

✓ C. Evergreen Revolution

✗ D. Farm-fresh Revolution

Q.74 Which of the following is most often used in the food industry as a chemical leavening agent in baked foods such as cakes, muffins and cookies?

Ans

✗ A. Calcium oxychloride

✓ B. Sodium bicarbonate

✗ C. Sodium chloride

✗ D. Sodium sulphate

Q.75 Select the option that is related to the fifth letter-cluster in the same way as the fourth letter-cluster is related to the third letter-cluster and the second letter-cluster is related to the first letter-cluster.

HTWCGY : WTHCGY :: ALTMHY : TLAMHY :: LGETDR : ?

Ans

✗ A. EGTLDR

✗ B. RDTEGL

✓ C. EGLTDR

✗ D. EGLRTD

Q.76 The Net National Product can be calculated by subtracting Depreciation from ____.

Ans

✗ A. Direct Taxes

✓ B. Gross National Product

✗ C. National Income

✗ D. Gross Domestic Product

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Q.77 Find the area of an isosceles triangle whose base is 54cm long and each equal side is 45cm long.

Ans

✗ A. 1620 sq.cm

✓ B. 972 sq.cm

✗ C. 1215 sq.cm

✗ D. 1944 sq.cm

Q.78 A man covers 250 km, 120 km and 50 km at the speed of 50 km/h, k km/h and 25 km/h, respectively. If his average speed for the whole journey is 42 km/h, then what is the value of k?

Ans

✗ A. 45

✗ B. 35

✓ C. 40

✗ D. 36

Q.79 Which of the following soil particles are the finest in their size?

Ans

✗ A. Pebble

✗ B. Silt

✗ C. Sand

✓ D. Clay

Q.80 According to the UN department of economic and social affairs data, _____ had the largest diaspora in the world by end of 2020.

Ans

✗ A. South Africa

✓ B. India

✗ C. Singapore

✗ D. China

Q.81 10 less than a given number K, 10 more than the given number K, and 38 more than the given number K are in continued proportion. Find the given number K, where K > 0.

Ans

✓ A. 60

✗ B. 40

✗ C. 70

✗ D. 50

Q.82 Which of the following elements is NOT included in the circular flow of Income in a simple economy?

Ans

✗ A. Goods and services

✗ B. Spending

✗ C. Factor payments

✓ D. Depreciation

Q.83 Study the given digit-letter-symbol sequence carefully and answer the question that follows.

(Left)6 $ + S r 3 B 6 A * ? # c < Z R & d & G ! q(Right)

If the given sequence is written in the reverse order, then which element will be 5^{th} to the left of the 8^{th} element from the right end?

Ans

✗ A. Z

✓ B. c

✗ C. +

✗ D. B

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Q.84 New Year is observed in different regions with different names as given below:

1. Navreh — a. Malayali New year
2. Ugadi — b. Odia New year
3. Vishu — c. Telugu New year
4. Pana Sankranti — d. Kashmiri Hindu New year

Which of the following options presents the correct match?

Ans
- ✗ A. 1-b, 2-a, 3-d, 4-c
- ✗ B. 1-c, 2-d, 3-a, 4-b
- ✗ C. 1-b, 2-c, 3-d, 4-a
- ✓ D. 1-d, 2-c, 3-a, 4-b

Q.85 _____ is NOT a tributary of the river Ganga.

Ans
- ✗ A. Son
- ✗ B. Gandak
- ✓ C. Sutlej
- ✗ D. Kosi

Q.86 In each of the number-pairs, the second number is obtained by performing a certain mathematical operation on the first number. Three of the following pairs follow the same pattern and thus form a group. Select the number-pair that does NOT belong to that group.

Ans
- ✗ A. 869 : 433
- ✓ B. 333 : 160
- ✗ C. 473 : 235
- ✗ D. 127 : 62

Q.87 If in a code language, 'Red' is called 'Green', 'Green' is called 'Pink', 'Pink' is called 'Brown', and 'Brown' is called 'Violet', then which coloured light is used to stop vehicles on traffic Signal?

Ans
- ✗ A. Violet
- ✗ B. Brown
- ✓ C. Green
- ✗ D. Red

Q.88 A, B, C, D, J, K, L and M are sitting around a square table facing the centre of the table. Four of them are sitting at either of the corners while the other four are sitting at the exact centre of either of the sides.
D sits at one of the corners of the table. Only one person sits between D and C. Only three people sit between C and B. M sits second to the right of B. K sits to the immediate left of M. A is NOT an immediate neighbour of B. Only three people sit between A and L. Who sits to the immediate right of J?

Ans
- ✗ A. L
- ✗ B. C
- ✗ C. A
- ✓ D. D

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Q.89 Shambhu Maharaj was a renowned personality associated with which of the following dance forms?

Ans

✗ A. Odissi

✗ B. Manipuri

✓ C. Kathak

✗ D. Kathakali

Q.90 In a certain code language,
'get ready now' is coded as 'li ah tc',
'ready for vacation' is coded as 'cs li pa',
'travel for work now' is coded as 'pa vj ah rb'.
(Note: All codes are two letter codes only)

What is the code for 'travel' in the given code language?

Ans

✗ A. pa

✓ B. Either 'vj' or 'rb'

✗ C. ah

✗ D. Either 'pa' or 'cs'

Q.91 Find the arithmetic mean of 37, 85, 65 and 23.

Ans

✗ A. 50

✓ B. 52.5

✗ C. 55

✗ D. 47.5

Q.92 Shubham secured 345 marks out of 600 in the annual examination. Find the percentage of marks obtained by him in the examination.

Ans

✗ A. 58.25

✗ B. 58.5

✗ C. 57.25

✓ D. 57.5

Q.93 'Alkap' is a rural dance-drama performance prevalent in the parts of Jharkhand and _____.

Ans

✗ A. Gujarat

✗ B. Chhattisgarh

✓ C. West Bengal

✗ D. Rajasthan

Q.94 How many medals did India win at the 2021 ASBC Asian Youth and Junior Boxing Championships?

Ans

✗ A. 36

✗ B. 40

✗ C. 35

✓ D. 39

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Q.95 Simplify the following expression .

$$81.7100 + 198.0020 - 2071.1985 + 9.0900 + 1591.42$$

Ans

✗ A. -190.8765

✗ B. 190.9865

✓ C. -190.9765

✗ D. -190.9865

Q.96 In 1955, the Village and Small-Scale Industries Committee, also called the _____, noted the possibility of using small-scale industries for promoting rural development.

Ans

✗ A. Gandhi Committee

✗ B. Narasimham Committee

✗ C. Nehru Committee

✓ D. Karve Committee

Q.97 Which of the following is a bowed instrument that Pundit Ram Narayan, an Indian musician popularised and made him known internationally?

Ans

✗ A. Guitar

✗ B. Veena

✓ C. Sarangi

✗ D. Mandolin

Q.98 Kavita has deposited ₹4000 with the bank for two years at 6.25% simple interest per annum. What will be the total amount that Kavita will receive at the end of the two-year term?

Ans

✗ A. ₹4400

✗ B. ₹4475

✗ C. ₹4625

✓ D. ₹4500

Q.99 The Prayag Sangeet Samiti at Prayagraj was established in the year ____ to teach Hindustani classical music.

Ans

✗ A. 1952

✗ B. 1901

✗ C. 1915

✓ D. 1926

Q.100 Two statements I and II are given. These statements may be either independent causes or may be the effects of independent causes or a common cause. One of these statements may be the effect of the other statement. Read both the statements and decide which of the following options correctly depicts the relationship between these two statements.

Statements:

I. The school bus with teachers and students couldn't reach the school on time.

II. A major accident took place on the road blocking the traffic.

Ans

✓ A. If statement II is the cause, statement I could be its effect

✗ B. Both statements I and II could be effects of some common cause

✗ C. If statement I is the cause, statement II could be its effect

✗ D. Both statements I and II are independent causes

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Q.101 In each of the given number-clusters, the number on the right side of = (the equal to sign) is calculated by performing certain mathematical operations on the two numbers on the left of = (the equal to sign). All three number-clusters follow the same pattern. Select the number from among the given options that can replace the question mark (?) in the third number-cluster.

8, 35 = 29

10, 48 = 52

12, 57 = ?

Ans

✗ A. 95

✗ B. 75

✓ C. 87

✗ D. 67

Q.102 The mode and the mean of a grouped data are 27.5 and 28.5 respectively. Find the median, correct to two places of decimal, using empirical relation.

Ans

✓ A. 28.17

✗ B. 27.17

✗ C. 9.83

✗ D. 19.83

Q.103 If $\frac{23}{3}$ more than a number is $\frac{25}{6}$, then find the number.

Ans

✗ A. $\frac{11}{3}$

✗ B. $\frac{7}{2}$

✓ C. $-\frac{7}{2}$

✗ D. $-\frac{11}{3}$

Q.104 Tehri Dam built on the river Bhagirathi is situated in which of the following states?

Ans

✗ A. Uttar Pradesh

✓ B. Uttarakhand

✗ C. Himachal Pradesh

✗ D. Sikkim

Q.105 Which Indian boxer was elected as the chairperson of the International Boxing Association (AIBA) champions and veterans committee in March 2021?

Ans

✗ A. Mohammed Ali Qamar

✗ B. Devendro Singh

✗ C. Vijender Singh

✓ D. Mary Kom

Q.106 What will be the mean of all the prime numbers between 10 and 22?

Ans

✗ A. 14

✓ B. 15

✗ C. 16

✗ D. 13

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Q.107 Alok ranked 19^{th} from the top and 38^{th} from the bottom in a class. How many students are there in the class?

Ans
- ✔ A. 56
- ✘ B. 57
- ✘ C. 55
- ✘ D. 46

Q.108 If a man walks at $\frac{7}{8}$ of his usual speed, he reaches his office 20 minutes late than the usual time. Find the usual time he takes (in minutes).

Ans
- ✘ A. 120
- ✔ B. 140
- ✘ C. 160
- ✘ D. 100

Q.109 Amit's birthday on 16^{th} April 2021 was on a Saturday. On which day was his wife's birthday on 3^{rd} June 2021?

Ans
- ✔ A. Friday
- ✘ B. Tuesday
- ✘ C. Monday
- ✘ D. Sunday

Q.110 In India, appointments of persons other than district judges to the judicial service of a State are made by the _____.

Ans
- ✘ A. President of India
- ✘ B. Prime Minister
- ✔ C. Governor of the State
- ✘ D. Chief Justice of the High Court

Q.111 The diagonal of a rectangle is 53 cm and its area is 1260 cm^2 . What is the perimeter (in cm) of the rectangle?

Ans
- ✔ A. 146
- ✘ B. 144
- ✘ C. 148
- ✘ D. 152

Q.112 The lengths of a pair of parallel sides of a trapezium are respectively 18 cm and 15 cm and the perpendicular distance between these two sides is 12 cm. What is the area (in cm^2) of the trapezium?

Ans
- ✘ A. 396
- ✘ B. 297
- ✔ C. 198
- ✘ D. 99

Q.113 In a group of five children (K, L, O, M, N) with different heights, K is the tallest while L is the shortest. O is the second shortest person in that group. M is taller than N. Who among them is the third tallest?

Ans
- ✘ A. O
- ✔ B. N
- ✘ C. L
- ✘ D. M

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Q.114 According to the inscriptions of Chola dynasty, _____ is the land that is gifted to temples.

Ans

✗ A. Brahmadeya

✓ B. Tirunamattukkani

✗ C. Shalabhoga

✗ D. Vellanvaggi

Q.115 Rama remembers that she met her brother on Saturday, which was after the 20^{th} day of a particular month. If the 1^{st} day of that month was Tuesday, then on which date did Rama meet her brother?

Ans

✓ A. 26^{th}

✗ B. 25^{th}

✗ C. 24^{th}

✗ D. 23^{rd}

Q.116 A sphere has a radius of 8 cm. A solid cylinder has a base radius of 4 cm and a height of h cm. If the total surface area of the cylinder is half the surface area of the sphere, then find the height of the cylinder.

Ans

✓ A. 12 cm

✗ B. 10 cm

✗ C. 9 cm

✗ D. 15 cm

Q.117 In the year _____the Parmahansa Mandali was founded in Poona, Satara and other towns of Maharashtra.

Ans

✗ A. 1839

✗ B. 1809

✓ C. 1849

✗ D. 1829

Q.118 The market structure called monopoly exists where there _____ in any market.

Ans

✗ A. is a stiff competition between top brands

✗ B. are multiple buyers

✓ C. is exactly one seller

✗ D. is no seller

Q.119 When did PM Narendra Modi announce National Hydrogen Mission to generate hydrogen from green energy sources?

Ans

✓ A. August 2021

✗ B. May 2021

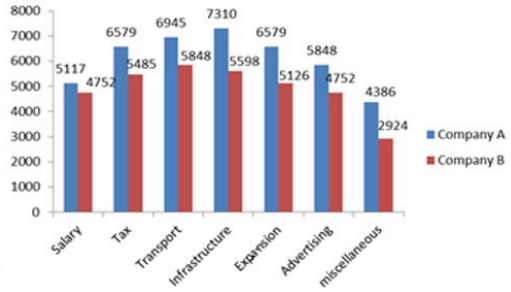
✗ C. January 2021

✗ D. November 2021

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Q.120 The expenditures (in thousands) of two companies (A and B) on various heads in a given year are provided in the following bar graph.



The expenditure made by both companies together on salary was approximately what percentage of their expenses on Infrastructure?

Ans

✗ A. 95%

✓ B. 76%

✗ C. 29%

✗ D. 57%

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