



GOVT. OF NCT OF DELHI
Delhi Subordinate Services Selection Board
FC-18, Institutional Area, Karkardooma, Delhi – 110092.
www.dsssb.delhigovt.nic.in

Participant Name	MAYANK VIMAL
Test Center Name	Aadarsh Pariksha Kendra CENTER B - Gate No 2 - Noida Sector 64
Test Date	09/05/2026
Test Time	5:00 PM - 7:00 PM
Subject	Multi Tasking Staff

Section : General intelligence and Reasoning Ability

Q.1 E, F, G, H, U, V and W are sitting around a circular table facing the centre of the table. Only one person sits between E and G when counted from the left of G. V sits third to the right of U. F sits third to the left of W. V sits to the immediate right of F. H is not an immediate neighbor of F. How many people sit between H and G when counted from the right of H?

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

Q.2 Each vowel in the word RODENTS is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. How many letters are common between the original word in the group of letters thus formed? 11638

- Ans
- 1. 0
 - 2. 2
 - 3. 1
 - 4. 3

Q.3 P, Q, R, S, T, U and V are sitting around a circular table, facing the centre. Only three people sit between V and Q, when counted from the left of V. Only three people sit between T and U, when counted from the right of U. R sits to the immediate right of T. P is an immediate neighbour of U as well as Q. How many people sit between P and T, when counted from the left of T?

- Ans
- 1. 4
 - 2. 1
 - 3. 3
 - 4. 2

Q.4 Refer to the following letter and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) % £ B D A @ Y # * K E Q & U Ω \$ C + G R S T (Right)

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

- Ans
- 1. 2
 - 2. 1
 - 3. 3
 - 4. 4

Q.5 Seven boxes W, X, Y, Z, J, K and L are kept one over the other but not necessarily in the same order. L is kept second from the bottom. Only three boxes are kept between L and Y. X is kept at one of the positions below L. Only Z is kept between Y and K. W is kept at one of the positions above Y. How many boxes are kept between J and X?

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

Q.6 Read the given statement(s) 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 statement(s).

Statements:

Some planes are trucks.
Some trucks are buses.

Conclusions:

(I) : Some buses are planes.
(II) : No buses are trucks.

- 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.7 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) ^ 7 + > 6 \$ > 2 8 4 6 \ 2 & 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. One
 - 2. Two
 - 3. Three
 - 4. Four

Q.8 In a certain code language, 'RANK' is coded as '44' and 'GONE' is coded as '41'.
What is the code for 'TIME' in the given code language?

- Ans
- 1. 41
 - 2. 39
 - 3. 42
 - 4. 47

Q.9 In this question, a statement is followed by two conclusions numbered I and II. Find out which conclusion/s is/are true based on the given statement.

Statement : $L = M < N < R > S$

Conclusions:

I. $S < M$

II. $L < R$

- Ans
- 1. Neither I nor II is true
 - 2. Only I is true
 - 3. Both I and II are true
 - 4. Only II is true

Q.10 In a certain code language, 'USER' is coded as '4673' and 'RULE' is coded as '3576'.
What is the code for 'L' in the given code language?

- Ans
- 1. 4
 - 2. 5
 - 3. 6
 - 4. 3

Q.11 In a certain code language,
 $A \bar{r} B$ means 'A is the daughter of B'
 $A ! B$ means 'A is the father of B'
 $A \pm B$ means 'A is the sister of B'
 $A \% B$ means 'A is the son of B'
Based on the above, how is L related to S if ' $L \pm M \bar{r} N ! R \% S$ '?

- Ans
- 1. Wife
 - 2. Mother
 - 3. Daughter
 - 4. Sister

Q.12 In a certain code language, 'VIBE' is coded as '5219' and 'BITE' is coded as '5981'.
What is the code for 'T' in the given code language?

- Ans
- 1. 5
 - 2. 8
 - 3. 2
 - 4. 1

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 D. Only one box is kept between A and G. G is kept immediately above D. Only four boxes are kept between A and E. B is kept at some place above C.

How many boxes are kept below B?

- Ans
- 1. 3
 - 2. 2
 - 3. 4
 - 4. 1

Q.14 Refer to the following letter and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) \$ K T A E % @ U * G Y S & # Ω D £ B C + Q R (Right)

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

- Ans 1. 3
 2. 4
 3. 6
 4. 5

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 three boxes are kept above B. Only one box is kept between A and B. Only three boxes are kept between A and E. E is kept at some place above B. C is kept immediately below E. F is kept at one of the places above D. G is not kept immediately above or below A.

How many boxes are kept below F?

- Ans 1. 2
 2. 3
 3. 4
 4. 1

Q.16 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 T related to K if 'TxG+D+M-K'?

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

Q.17 Seven boxes, A, B, C, D, E, F and G, are kept one over the other, but not necessarily in the same order.

Exactly 2 boxes are kept between G and F. Exactly 1 box is kept between D and E. E is kept immediately above F. At least 3 boxes are kept above G. B is kept immediately below C and C is not kept at the top. B is kept above G.

How many boxes are kept above F?

- Ans 1. 2
 2. 3
 3. 1
 4. 4

Q.18 In this question, a statement is followed by two conclusions, numbered I and II.

Find out which conclusion/s is/are true based on the given statements.

Statement : $K = L > M < N \geq Q$

Conclusions:

I. $K > N$

II. $L = Q$

- Ans 1. Only II is true
 2. Both I and II are true
 3. Only I is true
 4. Neither I nor II is true

Q.19 Refer to the following letter, symbol series and answer the question.
(Left) B \$ K T A % @ U * Y S & # Ω D E £ G C + Q R (Right)
If all the letters are dropped from the series, which of the following will appear 6th from the right?

- Ans**
- 1. @
 - 2. +
 - 3. *
 - 4. %

Q.20 Each vowel in the word GARNISH is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. How many letters appear twice in the group of letters thus formed?¹¹⁶⁴⁰

- Ans**
- 1. 3
 - 2. 0
 - 3. 1
 - 4. 2

Section : **General intelligence and Reasoning Ability**¹

Q.1 Based on the English alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one 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. OLP
 - 2. ZXA
 - 3. XUY
 - 4. URV

Q.2 Which number will replace the question mark (?) in the following series?
56 57 49 76 ? 137

- Ans**
- 1. 32
 - 2. 20
 - 3. 24
 - 4. 12

Q.3 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.

HFG–FDE
ECD–CAB

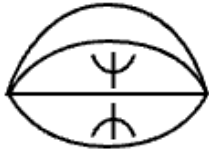
- Ans**
- 1. AXX–YWX
 - 2. AYZ–YWX
 - 3. AXX–XVW
 - 4. AYZ–XWW

Q.4 Select the option in which the given figure is embedded (rotation is not allowed).



Ans

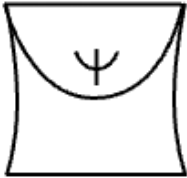
✓ 1.



✗ 2.



✗ 3.



✗ 4.



Q.5 If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', what will be come in place of question mark '?' in the following equation?

$$24 \text{ B } 15 \text{ C } 5 \text{ D } 21 \text{ A } 7 = ?$$

Ans ✗ 1. 360

✗ 2. 361

✓ 3. 362

✗ 4. 363

Q.6 Which number will replace the question mark (?) in the following series?
260 261 234 359 16 ?

Ans ✗ 1. 735

✓ 2. 745

✗ 3. 729

✗ 4. 738

Q.7 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 shoes are crocs. All crocs are flipflops.

Conclusion (I) : Some shoes are flipflops.

Conclusion (II) : All flipflops are crocs.

Ans ✗ 1. Only conclusion (II) follows

✗ 2. Neither conclusion (I) nor (II) follows

✗ 3. Both conclusions (I) and (II) follow

✓ 4. Only conclusion (I) follows

Q.8 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

VXB-EGK

UWA-DFJ

- Ans
- 1. JLP-SUY
 - 2. JKN-SUY
 - 3. JLP-RUX
 - 4. JKN-RTX

Q.9 ZSDE is related to CVGH in a certain way based on the English alphabetical order. In the same way, LEPQ is related to OHST. To which of the following options is UNYZ related, following the same logic?

- Ans
- 1. XCSW
 - 2. XBGT
 - 3. XQWE
 - 4. XQBC

Q.10 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 one 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. BZ-JQ
 - 2. YW-GN
 - 3. FD-NE
 - 4. LJ-TA

Q.11 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?

$$35 A 5 C 7 B 15 D 10 = ?$$

- Ans
- 1. 103
 - 2. 101
 - 3. 100
 - 4. 102

Q.12 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 its constituent digits. E.g. 13 - Operations on 13 such as adding / subtracting /multiplying etc. 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, 11, 20)

(18, 6, 15)

- Ans
- 1. (32, 20, 27)
 - 2. (25, 15, 24)
 - 3. (27, 15, 24)
 - 4. (30, 42, 51)

Q.13 If 2 is subtracted from each odd digit and 1 is added to each even digit in the number 9432864, what will be the sum of the digits which are second from the left and second from the right?

- Ans
- 1. 4
 - 2. 12
 - 3. 3
 - 4. 5

Q.14 What should come in place of '?' in the given series?

44,51,65,86,114, ?

- Ans
- 1. 151
 - 2. 145
 - 3. 147
 - 4. 149

Q.15 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$28 \times 14 - 4 \div 4 + 2 = ?$

- Ans
- 1. 16
 - 2. 17
 - 3. 15
 - 4. 18

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 its constituent digits. E.g. 13 - Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(10,20,210)

(14,15,203)

- Ans
- 1. (27,17,168)
 - 2. (12,16,26)
 - 3. (14,19,21)
 - 4. (7,19,182)

Q.17 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown below.

P
|
s f U 9 Q
|
Q

- Ans
- 1. Q e U t z
 - 2. z t n a Q
 - 3. z t n a Q
 - 4. Q 6 n t s

Q.18 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?

$$8 \text{ D } 2 \text{ A } 17 \text{ B } 6 \text{ C } 1 = ?$$

- Ans
- 1. 14
 - 2. 22
 - 3. 27
 - 4. 25

Q.19 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 its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(27, 18, 45)

(43, 26, 69)

- Ans
- 1. (44, 27, 81)
 - 2. (23, 40, 17)
 - 3. (36, 19, 55)
 - 4. (25, 8, 17)

Q.20 Based on the English alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one 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. DBY
 - 2. IGD
 - 3. KIF
 - 4. HGC

Section : General Awareness

Q.1 The PANKHUDI portal launched in January 2026 to support women workers through employment-related services, was introduced by which of the following ministries?

- Ans
- 1. Ministry of Women and Child Development
 - 2. Ministry of Labour and Employment
 - 3. Ministry of Health and Family Welfare
 - 4. Ministry of Rural Development

Q.2 Against which team did Bihar score 574 for 6, the highest total in Men's List A Cricket?

- Ans
- 1. Nagaland
 - 2. Manipur
 - 3. Arunachal Pradesh
 - 4. Mizoram

Q.3 In which of the following ways do variable costs differ from fixed costs in the production process?

- Ans
- 1. Variable costs and fixed costs are synonymous.
 - 2. Variable costs change proportionally with the level of production, while fixed costs remain constant.
 - 3. Variable costs only apply to raw materials.
 - 4. Variable costs remain constant, while fixed costs vary with the level of production.

Q.4 Who among the following revolutionaries during British India established the Naujawan Bharat Sabha in 1926 at Lahore?

- Ans
- 1. Bagha Jatin
 - 2. Bhagat Singh
 - 3. Rash Behari Bose
 - 4. Surya Sen

Q.5 Why is "Per Capita Income" not an adequate measure for comparing 'real' development of two states like Kerala and Haryana?

- Ans
- 1. It ignores the total population of the states
 - 2. It is calculated only in US Dollars, not Indian Rupees
 - 3. It does not account for the distribution of income among the people
 - 4. It excludes the contribution of the agricultural sector

Q.6 Which government system provides essential food grains at subsidized prices to eligible households in India?

- Ans
- 1. Integrated Child Development Services
 - 2. Mid-Day Meal Scheme
 - 3. Food Corporation of India Storage
 - 4. Public Distribution System

Q.7 Which initiative announced in the Union Budget 2026–27 aims to strengthen market access for rural women-led enterprises?

- Ans
- 1. National Women Trade Promotion Programme
 - 2. Rural Women Business Facilitation Scheme
 - 3. Women Enterprise Market Platform
 - 4. Self Help Entrepreneur Marts

Q.8 In which year did the Ahmedabad Mill Strike led by Mahatma Gandhi take place?

- Ans
- 1. 1916
 - 2. 1928
 - 3. 1935
 - 4. 1918

Q.9 In Buddhist architecture, what is a 'Stupa' primarily used for?

- Ans
- 1. Trade activities
 - 2. Worship and relic storage
 - 3. Military defense
 - 4. Residential purpose

Q.10 The adopted son of the late Peshwa Baji Rao, who lived near Kanpur and led the Revolt of 1857, was _____.

- Ans
- 1. Nana Saheb
 - 2. Chimaji Appa
 - 3. Tantia Tope
 - 4. Krantiveer Lahuji Salve

Q.11 The Ministry of Labour and Employment launched the e-Shram portal nationwide on 26 August 2021 for the creation of which of the following?

- Ans
- 1. A Pension Scheme for Senior Citizens
 - 2. A Health Insurance Registry for all Citizens
 - 3. A Database of Organized Sector Employees
 - 4. A National Database of Unorganised Workers

Q.12 Which of the following explains how banks create credit?

- Ans**
- 1. By lending out deposits, which in turn create more deposits
 - 2. By offering affordable locker services to customers
 - 3. By issuing checkbooks and debit cards to account holders
 - 4. By printing additional currency and coins for circulation

Q.13 India won its fourth Men's Hockey Asia Cup in 2025, breaking an eight-year drought. Who did India defeat in the final?

- Ans**
- 1. South Korea
 - 2. Malaysia
 - 3. Pakistan
 - 4. Japan

Q.14 Where was the 2nd edition of Khelo India Beach Games held?

- Ans**
- 1. Goa
 - 2. Kerala
 - 3. Diu
 - 4. Mumbai

Q.15 What is the significance of the Vanadium Redox Flow Battery (VRFB) launched at NTPC NETRA in November 2025?

- Ans**
- 1. Supports purification and supply of drinking water
 - 2. Promotes increased use of fossil fuels in power generation
 - 3. Enables long-duration energy storage and strengthens grid stability
 - 4. Enhances efficiency and reliability of transportation systems

Q.16 Depreciation is also known as _____.

- Ans**
- 1. Annual addition to the consumption
 - 2. Regular wear and tear of the consumer goods
 - 3. Regular wear and tear of the capital
 - 4. Annual addition to the capital

Q.17 In August 2025, which organisations jointly launched an AI-enabled WhatsApp advisory service for farmers in Maharashtra under Monsoon Mission III?

- Ans**
- 1. Indian Space Research Organisation (ISRO) and Council of Scientific and Industrial Research (CSIR)
 - 2. Defence Research and Development Organisation (DRDO) and NITI Aayog
 - 3. International Crops Research Institute for the Semi-Arid Tropics (ICRISAT) and Indian Council of Agricultural Research (ICAR)
 - 4. Indian Institute of Technology Delhi (IIT Delhi) and Defence Research and Development Organisation (DRDO)

Q.18 Why did Bal Gangadhar Tilak oppose the Age of Consent Bill (1891)?

- Ans**
- 1. It reduced economic rights
 - 2. It increased taxes on Indians
 - 3. It interfered in social customs
 - 4. It supported British education

Q.19 In February 2026, the Central Bank Digital Currency (CBDC)-Based Digital Food Currency pilot was launched under which scheme?

- Ans**
- 1. Pradhan Mantri Garib Kalyan Anna Yojana (PMGKAY)
 - 2. Pradhan Mantri Jan Dhan Yojana (PMJDY)
 - 3. Antyodaya Anna Yojana (AAY)
 - 4. Pradhan Mantri Fasal Bima Yojana (PMFBY)

Q.20 Who promoted studies of ancient Indian religions and established the Central Hindu School?

- Ans**
- 1. Annie Besant
 - 2. Jyotirao Phule
 - 3. Madame H.P. Blavatsky
 - 4. Sir Syed Ahmad Khan

Section : General Awareness1

Q.1 Which among the following types of climate is mainly found in the Thar Desert region of India?

- Ans**
- 1. Arid climate with low vegetation cover
 - 2. Humid climate with Average rainfall
 - 3. Moderate climate with scattered vegetation
 - 4. Equatorial climate with high humidity and dense forests

Q.2 Which of the following religions in India had the lowest population as per Census 2011 among the major religions listed?

- Ans**
- 1. Islam
 - 2. Christianity
 - 3. Hinduism
 - 4. Jainism

Q.3 In which year was the Panchayati Raj system made mandatory in India?

- Ans**
- 1. 1989
 - 2. 1990
 - 3. 1995
 - 4. 1992

Q.4 Among the following, which food is a rich source of iron that should be included in the daily diet to help the body form haemoglobin?

- Ans**
- 1. Spinach
 - 2. Carrot
 - 3. Potato
 - 4. Rice

Q.5 In which year was the New Telecom Policy approved by the Government of India?

- Ans**
- 1. 2001
 - 2. 1999
 - 3. 1995
 - 4. 1990

Q.6 Which of the following is the most continuous range of the Himalayas, consisting of the loftiest peaks with an average height of about 6,000 metres?

- Ans**
- 1. Pir Panjal ranges
 - 2. Mahabharat ranges
 - 3. Great Himalayas
 - 4. Shiwaliks

Q.7 What type of bond joins amino acids in proteins?

- Ans**
- 1. Peptide bond
 - 2. Phosphate bond
 - 3. Glycosidic bond
 - 4. Hydrogen bond

Q.8 Which body is responsible for covering the entire rural area of a district under Panchayati Raj?

- Ans**
- 1. Nagar Palika
 - 2. Zilla Panchayat
 - 3. Gram Panchayat
 - 4. Mandal Panchayat

Q.9 Which of the following jurisdictions enables the Supreme Court of India to protect the Fundamental Rights of citizens?

- Ans**
- 1. Advisory Jurisdiction
 - 2. Appellate Jurisdiction
 - 3. Writ Jurisdiction
 - 4. Review Jurisdiction

Q.10 Which stone is most commonly used in the construction of temples in north-western India, including Gujarat and Rajasthan?

- Ans**
- 1. Grey to black basalt
 - 2. Sandstone
 - 3. Soft white marble
 - 4. Granite

Q.11 Which of the following is the primary goal of the Ujwal DISCOM Assurance Yojana (UDAY) launched by the Ministry of Power in 2015?

- Ans**
- 1. Promoting large-scale expansion of renewable energy capacity
 - 2. Implementing advanced smart grid and metering technologies
 - 3. Helping struggling power distribution companies reduce debt
 - 4. Achieving universal electrification of rural households

Q.12 Which of the following groups includes carbohydrates that cannot be hydrolyzed further to smaller subunits?

- Ans**
- 1. Monosaccharides
 - 2. Disaccharides
 - 3. Trisaccharides
 - 4. Polysaccharides

Q.13 Kokborok (Kok Barak) is a language spoken in which of the following states in India?

- Ans**
- 1. Tamil Nadu
 - 2. Tripura
 - 3. Goa
 - 4. Bihar

Q.14 Which mechanism in the Indian Constitution allows citizens to directly approach the courts for the enforcement of their fundamental rights?

- Ans**
- 1. Right to constitutional remedies
 - 2. National Human Rights Commission
 - 3. Writ of prohibition
 - 4. National Commission for Women

Q.15 Which of the following monument–architectural style pairs is INCORRECTLY matched?

- Ans**
- 1. Sun Temple Konark – Dravida Style
 - 2. Khajuraho Temple – Nagara Style
 - 3. Lingaraja Temple – Deula Style
 - 4. Brihadeshwara Temple – Dravida Style

Q.16 The Gaan-Ngai festival, a post-harvest celebration in Manipur, is associated with which of the following tribes?

- Ans**
- 1. Dhuria
 - 2. Purigpa
 - 3. Gadwa
 - 4. Zeliangrong

Q.17 In the human nervous system, what is meant by a nerve impulse?

- Ans**
- 1. A release of chemical substances into the bloodstream
 - 2. A structural junction formed between two neurons
 - 3. A contraction of muscle fibres during movement
 - 4. A wave of electrical disturbance traveling along a neuron

Q.18 Which of the following is not listed as one of the 6 Fundamental Rights guaranteed to Indian citizens?

- Ans**
- 1. Right to Constitutional Remedies
 - 2. Right against Exploitation
 - 3. Right to Equality
 - 4. Right to Property

Q.19 Which pair of processes is responsible for converting genetic information in DNA into proteins in cells?

- Ans**
- 1. Transcription and translation
 - 2. Replication and methylation
 - 3. Polyadenylation and capping
 - 4. Replication and polyadenylation

Q.20 In early Buddhist sculptures, which symbol meant to indicate the meditation of the Buddha?

- Ans**
- 1. Empty seat
 - 2. Tree
 - 3. Stupa
 - 4. Wheel

Q.1 A number is first increased by 5% and then decreased by 10%. The result is 10395. What is the original number?

- Ans
- 1. 11000
 - 2. 11100
 - 3. 11300
 - 4. 11200

Q.2 A trader lost 10% by selling a shirt for ₹900. If he gains x% by selling it for ₹1,450, the value of x is:11664

- Ans
- 1. 60
 - 2. 55
 - 3. 35
 - 4. 45

Q.3 The simplified value of $209 - 2 \times (23 + 13) + 47$ is:

- Ans
- 1. 180
 - 2. 178
 - 3. 184
 - 4. 176

Q.4 Which of the following numbers is divisible by 95?

- Ans
- 1. 573065
 - 2. 573593
 - 3. 577403
 - 4. 574940

Q.5 The fraction equivalent to 1.0909... is:

- Ans
- 1. $\frac{17}{5}$
 - 2. $\frac{7}{15}$
 - 3. $\frac{12}{11}$
 - 4. $\frac{13}{20}$

Q.6 Find the simplified value of $\frac{(3^4 \times 5^3 \times 5^5)}{(3^1 \times 5^3 \times 5^2)}$

3157

- Ans
- 1. 3375
 - 2. 3384
 - 3. 3376
 - 4. 3381

Q.7 At what rate of interest per annum will a certain sum of money become 95 times its original value in 2 years, if the interest is compounded annually? (Rounded off to one decimal place)

- Ans
- 1. 883.5%
 - 2. 882.4%
 - 3. 874.7%
 - 4. 881.5%

Q.8 A manufacturer sells a product to a wholesaler at a profit of 25%. The wholesaler, in turn, sells it to a retailer at a profit of 25%, and the retailer sells it to a customer at a profit of 34%. If the customer pays ₹402, find the cost price (in ₹) for the manufacturer.

- Ans
- 1. 189
 - 2. 192
 - 3. 194
 - 4. 191

Q.9 Ajit's monthly income is ₹12,800, and his monthly expenditure is ₹4,000. If his income decreases by 25% and his expenditure decreases by ₹1,000, find the change in his monthly savings.

- Ans
- 1. Increased by ₹2,000
 - 2. Decreased by ₹2,200
 - 3. Increased by ₹2,200
 - 4. Decreased by ₹2,000

Q.10 A sum of ₹34,100 is deposited at a rate of 8% per annum for 2 years. Find the difference (in ₹) between the compound interest (compounded annually) and the simple interest.

- Ans
- 1. ₹254.30
 - 2. ₹224.44
 - 3. ₹210.10
 - 4. ₹218.24

Q.11 A technician blends 12 litres of a 25% alcohol solution with 18 litres of a 40% alcohol solution. What is the concentration of alcohol in the final mixture?

- Ans
- 1. 40%
 - 2. 36%
 - 3. 34%
 - 4. 31%

Q.12 There are 30 members in group A, 40 members in group B, and 15 members in group C. All the members of these groups went to a restaurant. The average amount spent per member in groups A, B, and C is ₹298, ₹349, and ₹179 respectively. Find the overall average amount (in ₹) spent per member.

- Ans
- 1. 296
 - 2. 302
 - 3. 301
 - 4. 303

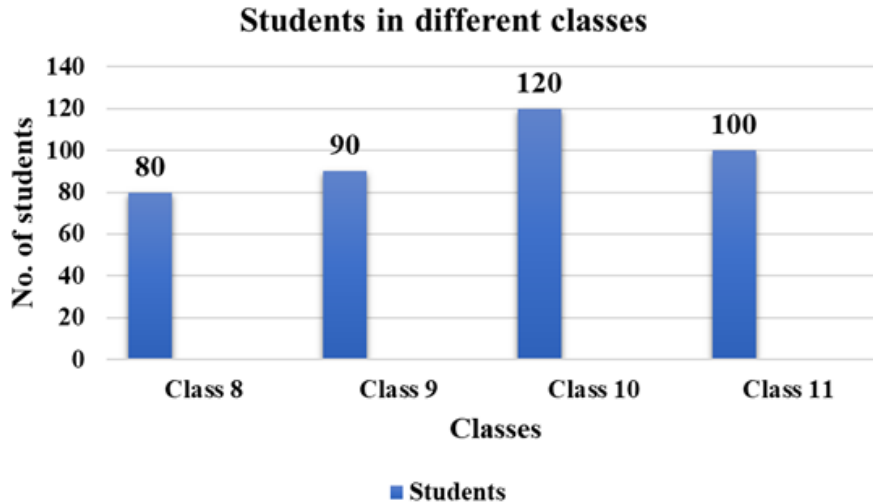
Q.13 The average of 8 results is 50 and that of the first 7 is 49. The 8th result is:

- Ans
- 1. 49
 - 2. 56
 - 3. 57
 - 4. 50

Q.14 Arav's monthly income is ₹40,000. He spends 60% on household expenses, 20% on rent, and the rest is saved. How much does he save monthly?

- Ans
- 1. ₹6,000
 - 2. ₹12,000
 - 3. ₹8,000
 - 4. ₹10,000

Q.15 The given bar graph represents the number of students in different classes in a school. How many more students are in class 10 compared to class 8?



- Ans
- 1. 30 students
 - 2. 40 students
 - 3. 50 students
 - 4. 20 students

Q.16 Find the simple interest (in ₹) on ₹1,800 at 3% per month for 1 month.

- Ans
- 1. 9
 - 2. 54
 - 3. 4.50
 - 4. 24.50

Q.17 A class consists of 20 boys and 30 girls. The average score of the boys in a test is 65 and the average score of the girls is 80. Find the overall average score of the entire class.

- Ans
- 1. 74
 - 2. 71
 - 3. 72
 - 4. 73

Q.18 A bank offers 7.5% compound interest per annum, compounded half-yearly. A customer deposits ₹5,062 on 1 January and another ₹5,062 on 1 July of the same year. By the end of that year, what is the total interest earned?

(Use $(1.0375)^2 = 1.076$ and give your answer correct to two decimal places.)

- Ans
- 1. ₹596.59
 - 2. ₹578.62
 - 3. ₹574.54
 - 4. ₹573.95

Q.19 A number is first increased by 70% and then decreased by 20%. The result is 204. What is the original number?

- Ans
- 1. 150
 - 2. 155
 - 3. 140
 - 4. 145

Q.20 The table below shows the number of books issued from a library in a week.

Day	Monday	Tuesday	Wednesday	Thursday	Friday
Books Issued	80	95	70	100	85

On which day was the number of books issued the least, and what is the difference between the highest and lowest number of books issued?

- Ans
- 1. Tuesday, and 20
 - 2. Monday, and 25
 - 3. Wednesday, and 30
 - 4. Wednesday, and 35

Section : Arithmetical and Numerical Ability1

Q.1 Two machines can complete a task in 8 hours and 12 hours. If both machines work simultaneously, how long will it take to complete the task?

- Ans
- 1. 4.2 hours
 - 2. 3.6 hours
 - 3. 4.8 hours
 - 4. 5.2 hours

Q.2 A vehicle travels 50 km in five parts of 10 km each. It covers the first 10 km at 50 km/h, and for each of the next 10 km, its speed becomes half of the previous segment's speed. After each segment, it stops for a 15-minute safety check. What is the total time taken for the whole journey?

- Ans
- 1. 6 hours 12 minutes
 - 2. 7 hours 12 minutes
 - 3. 9 hours 24 minutes
 - 4. 8 hours 24 minutes

Q.3 Deepak marks the price of an article at 25% above its cost price. If he sells the article for ₹27,810 after allowing a discount of 20%, then what was the cost price (in ₹) of the article?

- Ans
- 1. 27,810
 - 2. 27,840
 - 3. 27,820
 - 4. 27,830

Q.4 Two trains of lengths 120 m and 180 m are running in opposite directions at speeds of 40 km/h and 60 km/h. How long will they take to cross each other?

- Ans
- 1. 10.8 seconds
 - 2. 12.6 seconds
 - 3. 8.4 seconds
 - 4. 14.4 seconds

- Q.5** A cuboidal water tank has internal dimensions of $2.5 \text{ m} \times 1.6 \text{ m} \times 1.2 \text{ m}$. Due to leakage, 10% of the water is lost after filling the tank completely. How much water remains in the tank (rounded off to two decimal places)?
- Ans** 1. 5.24 m³
 2. 5.12 m³
 3. 4.32 m³
 4. 3.24 m³
- Q.6** Ramesh covers a distance of 400 km. He travels the first 100 km at 50 km/h, the next 175 km at 25 km/h, and the last 125 km at 75 km/h. Find his average speed (in km/h) for the entire journey.
- Ans** 1. 36
 2. 37
 3. 36.5
 4. 37.5
- Q.7** The radius of the base of a cone is 3.5 cm and its slant height is 10.5 cm. Find the total surface area of the cone. (Use $\pi = 22/7$)
- Ans** 1. 154 sq. cm.
 2. 144 sq. cm.
 3. 168 sq. cm.
 4. 164 sq. cm.
- Q.8** Ram buys 50 chairs at ₹400 each. He sells 30 of them at a 15% profit and the remaining at a 10% loss. Calculate the overall profit or loss percentage.
- Ans** 1. 5.5% profit
 2. 4% loss
 3. 4.5% loss
 4. 5% profit
- Q.9** Three pipes, A, B, and C, are connected to a tank. Pipe A fills the tank in 4 hours, pipe B fills it in 6 hours, and pipe C empties it in 12 hours. If all three are opened together, how long (in hours) will it take to fill half of the empty tank?
- Ans** 1. 2.1 hours
 2. 1.4 hours
 3. 2.2 hours
 4. 1.5 hours
- Q.10** If a pipe can fill a tank in 10 hours and another pipe can empty the same tank in 15 hours, how long will it take to fill the tank if both pipes are opened together?
- Ans** 1. 26 hours
 2. 30 hours
 3. 32 hours
 4. 28 hours
- Q.11** A book is marked at ₹940. It is sold at a discount of 12%. Find the selling price.
- Ans** 1. ₹857.40
 2. ₹827.20
 3. ₹817.30
 4. ₹847.60

Q.12 A fashion app lists a smartwatch at a marked price of ₹2,750. During a seasonal sale, the app offers a flat 12% discount. What is the selling price of the smartwatch (in ₹)?

- Ans
- 1. 2,600
 - 2. 2,530
 - 3. 2,350
 - 4. 2,420

Q.13 The data consumption of a video call is directly proportional to the time spent on the call. If 2 GB of data is consumed in 40 minutes, then how much data will be required for 60 minutes of continuous video calling?

- Ans
- 1. 3 GB
 - 2. 4 GB
 - 3. 3.5 GB
 - 4. 2.5 GB

Q.14 Two trains 170 m and 190 m in length, respectively, are running in opposite directions at a speed of 74 km/hr and the other at a speed of 70 km/h. In how much time will they completely cross each other from the moment they meet?

- Ans
- 1. 10 seconds
 - 2. 9 seconds
 - 3. 7 seconds
 - 4. 8 seconds

Q.15 A sphere has a radius of 5 cm. What is the volume of the sphere (in cubic centimeters), rounded off to two decimal places? (Use $\pi = 3.14$)

- Ans
- 1. 523.33
 - 2. 545.83
 - 3. 514.23
 - 4. 557.44

Q.16 Find the fourth proportional to the numbers 14, 21, and 30.

- Ans
- 1. 40
 - 2. 50
 - 3. 35
 - 4. 45

Q.17 Find the fourth proportional to $5x + 3$, $4x + 2$ and $4x$, if $x = 1$.

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

Q.18 In a 60-litre mixture, the ratio of water to alcohol is 7:3. Now, 10 litres of this mixture is removed and replaced with 10 litres of alcohol. Subsequently, a certain quantity of water is added to the new mixture until the ratio of water to alcohol becomes 3:2. Find the amount of water added.

- Ans
- 1. 3.5 litres
 - 2. 2.5 litres
 - 3. 2 litres
 - 4. 3 litres

Q.19 A cistern is empty. Pipe A can fill it in 12 hours, pipe B can fill it in 18 hours, and pipe C can empty the filled cistern in 9 hours. Initially, Pipes A and B are opened together and after 2 hours, pipe C is also opened and all three then remain open till the cistern is full. How long from the start will it take to fill the cistern completely?

- Ans
- 1. 24 hours
 - 2. 28 hours
 - 3. 30 hours
 - 4. 26 hours

Q.20 The volume of a solid cone is used to make smaller cones. If the original cone has radius 7 cm and height 24 cm, and each smaller cone has radius 3.5 cm and the same height, how many such smaller cones can be formed?

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

Section : Test of English Language and Comprehension

Q.1 Select the most appropriate option to fill in the blank.

The _____ garden was a haven for wildlife, with a variety of plants and flowers that attracted many birds and insects.

- Ans
- 1. barren
 - 2. deserted
 - 3. arid
 - 4. lush

Q.2 In the given question, a statement divided into different segments is given. The first segment is fixed, rearrange the other segments to form a coherent statement.

Fixed segment: He stared at the old photograph, /
A flicker of recognition in his eyes (P)
Stirring emotions he thought he'd buried (Q)
Memories rushing back like a flood (R)
Of people long gone and places long lost (S)

- Ans
- 1. RSPQ
 - 2. PRSQ
 - 3. QSPR
 - 4. SQPR

Q.3 Choose the correct option to complete the sentence.

The _____ puppy played in the yard.

- Ans
- 1. adorable
 - 2. fast
 - 3. lame
 - 4. slow

Q.4 Fill in the blank with a suitable article.

Mr. Devaraj is _____ architect.988

- Ans
- 1. the
 - 2. an
 - 3. a
 - 4. No article needed

Q.5 Complete the following sentence by using the correct option.

There are cows in the field.

4435

- Ans
- 1. many
 - 2. little
 - 3. great
 - 4. any

Q.6 Choose the word that best completes the sentence.

The _____ wind knocked over several trash cans.4241

- Ans
- 1. strong
 - 2. strengthen
 - 3. strongly
 - 4. strength

Q.7 Identify the grammatically correct version of the sentence given below.

He has been living in Mumbai since five years.

- Ans
- 1. He has been living in Mumbai to five years.
 - 2. He has been living in Mumbai for five years.
 - 3. He has been living in Mumbai with five years.
 - 4. He has been being living in Mumbai from five years.

Q.8 Identify the erroneously used adverb and replace it with the right option to make it a grammatically and contextually correct sentence.

She sang harshly at the concert, captivating the audience with her voice.3763

- Ans
- 1. loudly
 - 2. beautifully
 - 3. nervously
 - 4. quickly

Q.9 Complete the following sentence by choosing the appropriate option relating to the use of articles.

_____ children love to play _____ football in _____ evenings.

1363

- Ans
- 1. No article needed, a, no article needed
 - 2. The, the, the
 - 3. No article needed, the, the
 - 4. No article needed, no article needed, the

Q.10 Fill in the blank with a suitable article.

Does this building have ___ elevator?

- Ans
- 1. No article needed
 - 2. an
 - 3. the
 - 4. a

Q.11 There are four segments labelled P, Q, R, and S. Rearrange the segments to construct a meaningful sentence.

P. prudent persons avoid all dealings with ghosts or spirits
Q. dealing with dark and occult powers is not only against
R. of the dead or with witches or the devil
S. God's laws, but is also fraught with grave risks, and so

- Ans
- 1. SRPQ
 - 2. QSPR
 - 3. RPSQ
 - 4. QPSR

Q.12 Select the most appropriate word for the blank in the sentence given below:

The sky was so _____ that everyone stopped to admire it. 4386

- Ans
- 1. quick
 - 2. bright
 - 3. loud
 - 4. soft

Q.13 Choose the most grammatically correct sentence. 1127

- Ans
- 1. Mr. Srivastava, our Physics teacher, whenever shouted.
 - 2. Mr. Srivastava, our Physics teacher, seldom shouted.
 - 3. Mr. Srivastava, our Physics teacher, shouted scarely.
 - 4. Mr. Srivastava, our Physics teacher, shouted ever.

Q.14 Select the most appropriate word for the blank in the sentence given below.

The teacher spoke _____ to get the attention of the noisy class. 4369

- Ans
- 1. gently
 - 2. loudly
 - 3. softly
 - 4. quietly

Q.15 Select the most appropriate option to fill in the blank.

Sneha's father is a judge in _____ Supreme Court of India.1388

- Ans
- 1. a
 - 2. no article required
 - 3. an
 - 4. the

Comprehension:

Read the passage carefully and answer the questions that follow.

Language is an extraordinary gift of God. It is part of what makes man fully human. Language is basically a system of communication where sound or signs convey objects, actions and ideas. The history of language dates back to many thousands of years. Language is primarily spoken not written. But the development of the writing medium and later the printing system went a long way in the dissipation of knowledge and without which humans would have remained in the dark about the ways of life and the thought processes of their ancestors. Language is the key to human lives. They can eliminate misunderstanding by using it as an instrument to transfer communication among people. Malinowski suggests, language is the necessary means of communication; it is the one indispensable instrument for creating the ties of the moment without which unified social action is impossible. Language can thus be the core of humanity.

SubQuestion No : 16

Q.16 According to the passage, what does language primarily do?

Comprehension:

Read the passage carefully and answer the questions that follow.

Language is an extraordinary gift of God. It is part of what makes man fully human. Language is basically a system of communication where sound or signs convey objects, actions and ideas. The history of language dates back to many thousands of years. Language is primarily spoken not written. But the development of the writing medium and later the printing system went a long way in the dissipation of knowledge and without which humans would have remained in the dark about the ways of life and the thought processes of their ancestors. Language is the key to human lives. They can eliminate misunderstanding by using it as an instrument to transfer communication among people. Malinowski suggests, language is the necessary means of communication; it is the one indispensable instrument for creating the ties of the moment without which unified social action is impossible. Language can thus be the core of humanity.

SubQuestion No : 17

Q.17 What does Malinowski believe about language?

Comprehension:

Read the passage carefully and answer the questions that follow.

Language is an extraordinary gift of God. It is part of what makes man fully human. Language is basically a system of communication where sound or signs convey objects, actions and ideas. The history of language dates back to many thousands of years. Language is primarily spoken not written. But the development of the writing medium and later the printing system went a long way in the dissipation of knowledge and without which humans would have remained in the dark about the ways of life and the thought processes of their ancestors. Language is the key to human lives. They can eliminate misunderstanding by using it as an instrument to transfer communication among people. Malinowski suggests, language is the necessary means of communication; it is the one indispensable instrument for creating the ties of the moment without which unified social action is impossible. Language can thus be the core of humanity.

SubQuestion No : 18

Q.18 Select the appropriate tone for the passage.

Comprehension:

Read the passage carefully and answer the questions that follow.

Language is an extraordinary gift of God. It is part of what makes man fully human. Language is basically a system of communication where sound or signs convey objects, actions and ideas. The history of language dates back to many thousands of years. Language is primarily spoken not written. But the development of the writing medium and later the printing system went a long way in the dissipation of knowledge and without which humans would have remained in the dark about the ways of life and the thought processes of their ancestors. Language is the key to human lives. They can eliminate misunderstanding by using it as an instrument to transfer communication among people. Malinowski suggests, language is the necessary means of communication; it is the one indispensable instrument for creating the ties of the moment without which unified social action is impossible. Language can thus be the core of humanity.

SubQuestion No : 19

Q.19 Which of the following best summarizes the passage?

Comprehension:

Read the passage carefully and answer the questions that follow.

Language is an extraordinary gift of God. It is part of what makes man fully human. Language is basically a system of communication where sound or signs convey objects, actions and ideas. The history of language dates back to many thousands of years. Language is primarily spoken not written. But the development of the writing medium and later the printing system went a long way in the dissipation of knowledge and without which humans would have remained in the dark about the ways of life and the thought processes of their ancestors. Language is the key to human lives. They can eliminate misunderstanding by using it as an instrument to transfer communication among people. Malinowski suggests, language is the necessary means of communication; it is the one indispensable instrument for creating the ties of the moment without which unified social action is impossible. Language can thus be the core of humanity.

SubQuestion No : 20

Q.20 What can be inferred from the passage?

Q.1 Choose the option that best expresses the meaning of the given proverb:

Avarice is the root of all evils

- Ans
- 1. The pursuit of wealth inevitably results in altruistic behaviour and selflessness.
 - 2. Self-interest and greed are the primary drivers of universal harmony and societal progress.
 - 3. An abundance of resources guarantees a life free from moral dilemmas and conflicts.
 - 4. Greed or excessive desire for wealth leads to various negative outcomes and moral failures.

Q.2 Choose the word opposite in meaning of the given word.

Ostentatious

- Ans
- 1. Sympathetic
 - 2. Confident
 - 3. Flashy
 - 4. Understated

Q.3 Select the option that best explains the meaning of the given proverb:

Necessity is the mother of invention.

- Ans
- 1. Comfort reduces the desire to work hard
 - 2. Inventions are usually accidental rather than planned
 - 3. People often ignore problems until they become serious
 - 4. Urgent needs encourage people to find creative solutions

Q.4 Select the word which means the same as the group of words underlined.

The chairperson distributed a(an) formal list of all topics to be discussed during a meeting to all members before the session began.

- Ans
- 1. agenda
 - 2. report
 - 3. minutes
 - 4. transcript

Q.5 Substitute one word for the given segment by choosing from the following options.

A person who renounces a religious or political belief or principle

- Ans
- 1. Apostate
 - 2. Martyr
 - 3. Zealot
 - 4. Fanatic

Q.6 Choose the correct one-word substitute for the highlighted phrase.

Many people seek happiness by finding satisfaction in the state of being content with what they have amid the chaos of modern life by balancing work and leisure.

- Ans
- 1. enjoyment
 - 2. achievement
 - 3. contentment
 - 4. entitlement

Q.7 Select the most appropriate synonym of the given word.

Serene

- Ans**
- 1. Chaotic
 - 2. Calm
 - 3. Charismatic
 - 4. Common

Q.8 Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.

- A) in various scientific fields
- B) problem-solving
- C) are revolutionizing the way
- D) we approach
- E) advancements in artificial intelligence

- Ans**
- 1. ABEDC
 - 2. BDCEA
 - 3. CEABD
 - 4. ECDBA

Q.9 In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word.

- Ans**
- 1. Commemorate
 - 2. Comemmmorate
 - 3. Commemmmorate
 - 4. Comemorate

Q.10 In the following question, a proverb has been given, followed by some alternatives. Choose the one that best expresses the meaning of the given proverb. "Good wine needs no bush".

- Ans**
- 1. Good products require loud advertisements
 - 2. Wine must be aged to taste better
 - 3. Expensive things are always better
 - 4. Quality speaks for itself

Q.11 Choose the suitable meaning of the given proverb. Don't Bite the Hand That Feeds You

- Ans**
- 1. Do not express gratitude towards people who interfere in your affairs.
 - 2. Do not insult or mistreat someone who is providing you with help.
 - 3. Do not behave unfairly towards people who refuse to assist you.
 - 4. Do not depend emotionally on those who offer temporary help.

Q.12 Out of the given options, select the one which best expresses the meaning of the given word.

Economize

- Ans**
- 1. Throw
 - 2. Conserve
 - 3. Spend
 - 4. Squander

Q.13 Select the most appropriate Antonym of the given word.

Ally

- Ans** 1. Enemy
 2. Accomplice
 3. Feud
 4. Associate

Q.14 Identify the misspelt word from the four options given below.

- Ans** 1. embarrassed
 2. inconclusive
 3. ingenious
 4. mischievius

Q.15 Select the most appropriate option that can substitute the underlined words in the given sentence.

The class of people who held high social rank in the 18th century was known for its opulent lifestyle.⁶¹¹¹

- Ans** 1. plutocracy
 2. democracy
 3. autocracy
 4. aristocracy

Comprehension:

Read the given passage carefully and answer the questions that follow.

Artificial Intelligence (AI) is transforming education around the world. It helps solve major challenges by improving teaching methods and making learning more accessible. AI tools support students with personalized lessons and assist teachers in planning and assessment. UNESCO believes AI should promote inclusion and equity so every learner benefits. However, rapid technological growth also brings risks. If not guided properly, AI may increase inequality between countries and communities instead of reducing it.

UNESCO supports a human-centred approach to AI in education. This means technology should serve people, not replace them. The goal of "AI for all" is to ensure everyone can access knowledge and innovation. Policymakers must understand both the opportunities and challenges AI creates in schools and universities.

UNESCO has developed guidelines and competency frameworks for students and teachers. These resources help education systems prepare responsibly for the AI era. Protecting human values and equal opportunities is vital to ensure technology benefits society.

SubQuestion No : 16

Q.16 Select an appropriate title for this passage from the given options.

Comprehension:

Read the given passage carefully and answer the questions that follow.

Artificial Intelligence (AI) is transforming education around the world. It helps solve major challenges by improving teaching methods and making learning more accessible. AI tools support students with personalized lessons and assist teachers in planning and assessment. UNESCO believes AI should promote inclusion and equity so every learner benefits. However, rapid technological growth also brings risks. If not guided properly, AI may increase inequality between countries and communities instead of reducing it.

UNESCO supports a human-centred approach to AI in education. This means technology should serve people, not replace them. The goal of "AI for all" is to ensure everyone can access knowledge and innovation. Policymakers must understand both the opportunities and challenges AI creates in schools and universities.

UNESCO has developed guidelines and competency frameworks for students and teachers. These resources help education systems prepare responsibly for the AI era. Protecting human values and equal opportunities is vital to ensure technology benefits society.

SubQuestion No : 17

Q.17 What is the main idea of the passage?

Comprehension:

Read the given passage carefully and answer the questions that follow.

Artificial Intelligence (AI) is transforming education around the world. It helps solve major challenges by improving teaching methods and making learning more accessible. AI tools support students with personalized lessons and assist teachers in planning and assessment. UNESCO believes AI should promote inclusion and equity so every learner benefits. However, rapid technological growth also brings risks. If not guided properly, AI may increase inequality between countries and communities instead of reducing it.

UNESCO supports a human-centred approach to AI in education. This means technology should serve people, not replace them. The goal of "AI for all" is to ensure everyone can access knowledge and innovation. Policymakers must understand both the opportunities and challenges AI creates in schools and universities.

UNESCO has developed guidelines and competency frameworks for students and teachers. These resources help education systems prepare responsibly for the AI era. Protecting human values and equal opportunities is vital to ensure technology benefits society.

SubQuestion No : 18

Q.18 Identify the structure of the passage.

Comprehension:

Read the given passage carefully and answer the questions that follow.

Artificial Intelligence (AI) is transforming education around the world. It helps solve major challenges by improving teaching methods and making learning more accessible. AI tools support students with personalized lessons and assist teachers in planning and assessment. UNESCO believes AI should promote inclusion and equity so every learner benefits. However, rapid technological growth also brings risks. If not guided properly, AI may increase inequality between countries and communities instead of reducing it.

UNESCO supports a human-centred approach to AI in education. This means technology should serve people, not replace them. The goal of "AI for all" is to ensure everyone can access knowledge and innovation. Policymakers must understand both the opportunities and challenges AI creates in schools and universities.

UNESCO has developed guidelines and competency frameworks for students and teachers. These resources help education systems prepare responsibly for the AI era. Protecting human values and equal opportunities is vital to ensure technology benefits society.

SubQuestion No : 19

Q.19 Identify the tone of the passage.

Comprehension:

Read the given passage carefully and answer the questions that follow.

Artificial Intelligence (AI) is transforming education around the world. It helps solve major challenges by improving teaching methods and making learning more accessible. AI tools support students with personalized lessons and assist teachers in planning and assessment. UNESCO believes AI should promote inclusion and equity so every learner benefits. However, rapid technological growth also brings risks. If not guided properly, AI may increase inequality between countries and communities instead of reducing it.

UNESCO supports a human-centred approach to AI in education. This means technology should serve people, not replace them. The goal of "AI for all" is to ensure everyone can access knowledge and innovation. Policymakers must understand both the opportunities and challenges AI creates in schools and universities.

UNESCO has developed guidelines and competency frameworks for students and teachers. These resources help education systems prepare responsibly for the AI era. Protecting human values and equal opportunities is vital to ensure technology benefits society.

SubQuestion No : 20

Q.20 Select the correct antonym of the given word from the passage.

Non-essential

Section : Test of Hindi Language and Comprehension

Q.1 निम्न में से 'सामवेद का गान करने वाला' वाक्यांश के लिए सार्थक शब्द कौन-सा है ?

- Ans**
- ✓ 1. उद्गाता
 - ✗ 2. उद्दीपन
 - ✗ 3. उद्गावना
 - ✗ 4. उद्धारक

Q.2 निम्नलिखित वाक्यांश के लिए सार्थक शब्द का चयन कीजिए -
'जिसकी बाहु घुटनों तक है'

- Ans
- 1. आपादमस्तक
 - 2. गुरुपाक
 - 3. आगतपतिका
 - 4. आजानुबाहु

Q.3 निम्नलिखित वाक्य के रिक्त स्थान में सर्वोचित क्रिया-विशेषण शब्द का प्रयोग करें -
'राहुल को कई दिनों से बुखार है।'

- Ans
- 1. अनायास
 - 2. कुछ
 - 3. कल
 - 4. तेज

Q.4 निम्नलिखित विकल्पों में से अतिरिक्त वाक्य का चयन करें-

- Ans
- 1. जायसी ने एक मुसलमान होने के बावजूद मनुष्य होने का परिचय दिया |
 - 2. इतिहास अतीत और वर्तमान के बीच निरंतर चलने वाला संवाद है |
 - 3. साहित्य का इतिहास साहित्यिक दृष्टि से रचनाओं का अध्ययन और मूल्यांकन है |
 - 4. इतिहास लेखन के क्षेत्र में दूसरा महत्वपूर्ण प्रयास शिव सिंह सेंसर द्वारा प्रकाशित 'शिव सिंह सरोज' है |

Q.5 निम्नलिखित विकल्पों में से कौन-सा वाक्य पूर्ण रूप से शुद्ध है?

- Ans
- 1. नायक का पति परदेस में है।
 - 2. नायिका का पति परदेस में है।
 - 3. नायक की पति परदेस में है।
 - 4. नायक को पति परदेस में हैं।

Q.6 निम्नलिखित वाक्य को उचित क्रम में करें-

1. हिन्दोस्ताँ विश्व के
2. हमारा प्यारा
3. सभी देशों का
4. सरताज है

- Ans
- 1. 2,4,3,1
 - 2. 3,4,2,1
 - 3. 4,2,1,3
 - 4. 2,1,3,4

Q.7 'सोहन अब ठीक है।', इस वाक्य में रिक्त स्थान की पूर्ति के लिए उचित विशेषण शब्द चुनें -

- Ans
- 1. बिल्कुल
 - 2. अच्छा
 - 3. बड़ा
 - 4. बहुत

Q.8 'दिल्ली दूर है' लोकोक्ति का सही अर्थ क्या होगा?

- Ans
- 1. कर्मफल तुरंत मिलता है
 - 2. जिसकी करनी, उसी को फल मिलता है
 - 3. यहाँ सबकुछ विचित्र है
 - 4. अभी सफलता में देरी है

Q.9 निम्न वाक्यों में से विषयवस्तु की दृष्टि से कौन-सा एक वाक्य अतिरिक्त है ?

- Ans
- 1. उत्तर में हिमालय से दक्षिण में नर्मदा की तलहटी तक हिंदी फैली है।
 - 2. इस प्रक्रिया की शुरुआत लार्ड रिपन द्वारा स्वायत्त संस्था के गठन के रूप में हुई।
 - 3. पूर्व में भागलपुर से पश्चिम में अमृतसर तक हिंदी, खड़ी बोली के रूप में फैली है।
 - 4. भारतीय संघ की राजभाषा के रूप में हिंदी आज सारे देश की भाषा है।

Q.10 दिए गए विकल्पों में से शुद्ध वाक्य का विकल्प चुनें -

- Ans
- 1. वकीलों ने कागजात की जांच-पड़ताल की।
 - 2. वकीलों ने कागजात का परीक्षण किया।
 - 3. वकीलों ने कागजात का निरीक्षण किया।
 - 4. वकीलों ने कागजात को निरखा।

Q.11 निम्नलिखित वाक्य को ध्यानपूर्वक पढ़ें और वाक्य में त्रुटि की पहचान कर वाक्य शुद्ध करें।
माताजी की थी, कि और तुम अपने खेतों को संभालो इच्छा गाँव में रहो।

- Ans
- 1. माताजी की इच्छा थी, कि तुम अपने खेतों को संभालो और गाँव में रहो।
 - 2. खेतों इच्छा थी, कि तुम माताजी की अपने को संभालो और गाँव में रहो।
 - 3. माताजी की खेतों को इच्छा थी, कि तुम अपने संभालो और गाँव में रहो।
 - 4. माताजी इच्छा खेतों थी, कि संभालो तुम की अपने को और गाँव में रहो।

Q.12 सर्वोचित क्रिया-विशेषण शब्द से दिये गये वाक्य का रिक्त स्थान पूर्ण करें--
यह ऊँचा पहाड़ दूर से ही भव्य लगता है।

- Ans
- 1. कुछ
 - 2. केवल
 - 3. ज़रा
 - 4. बहुत

Q.13 हे अर्जुन ! तुम महान वीर हो ।
वाक्य में.....कारक है ।

- Ans
- 1. कर्म
 - 2. सम्बोधन
 - 3. सम्बन्ध
 - 4. सम्प्रदान

Q.14 रेखांकित कारक चिह्न के आधार पर कारक के उचित भेद का चुनाव करें--
राजा ने योद्धा को पुरस्कार दिया। वाक्य में _____ कारक है।

- Ans
- 1. अधिकरण
 - 2. करण
 - 3. संप्रदान
 - 4. कर्ता

Q.15 निम्नलिखित में से किस मुहावरे का अर्थ संगत नहीं है?

- Ans
- 1. खेल-खेल में - आसानी से कार्य कर लेना
 - 2. द्रौपदी का चीर होना - अत्यधिक विस्तृत होना
 - 3. लोहे के चने चबाना - आराम से सोना
 - 4. झूठ के पुल बाँधना - झूठ पर झूठ बोलते जाना

Comprehension:

दिए गए गद्यांश को पढ़कर नीचे लिखे प्रश्नों के उत्तर दीजिए -

भारत जैसे विकासशील देश में जन कल्याणकारी केंद्रों की भूमिका अत्यंत महत्वपूर्ण है। ये केंद्र समाज के कमजोर, पिछड़े, निर्धन और जरूरतमंद वर्गों के लिए विभिन्न योजनाओं के माध्यम से सहायता प्रदान करते हैं। इनमें स्वास्थ्य सेवाएँ, शिक्षा, रोजगार, वृद्धावस्था पेंशन, महिलाओं और बच्चों के लिए विशेष सुविधाएँ शामिल होती हैं। सरकार द्वारा चलाए जा रहे ये केंद्र समाज के संतुलित और समग्र विकास में योगदान देते हैं।

दूसरी ओर, बाल अपराध की समस्या आज गंभीर रूप ले चुकी है। जब किसी बच्चे द्वारा कोई कानून-विरोधी या समाज विरोधी कार्य किया जाता है तो उसे किशोर अपराध या बाल अपराध कहते हैं। आधुनिक जीवनशैली, सामाजिक असमानता, गरीबी, अशिक्षा, पारिवारिक तनाव तथा इंटरनेट और मीडिया का दुष्प्रभाव इसके मुख्य कारण हैं। किशोर अवस्था में भावनात्मक असंतुलन के कारण कई बार बच्चे गलत संगत में पड़ जाते हैं और अपराध की ओर अग्रसर हो जाते हैं। इस समस्या का समाधान केवल कठोर दंड से नहीं, बल्कि बच्चों को सही दिशा, शिक्षा, मार्गदर्शन और सहयोग देने से हो सकता है। जन कल्याणकारी केंद्र इस दिशा में भी महत्वपूर्ण भूमिका निभा सकते हैं, यदि वे बच्चों के मानसिक, सामाजिक और नैतिक विकास पर विशेष ध्यान दें।

SubQuestion No : 20

Q.20 'इंटरनेट', 'मीडिया' किस प्रकार का शब्द है-

Section : Test of Hindi Language and Comprehension1

Q.1 नीचे दिए गए शब्दों में से एक अनेकार्थी शब्द है -

- Ans
- 1. पैदा
 - 2. धार्मिक
 - 3. लता
 - 4. असत्य

Q.2 'चींटी के पर निकलना' मुहावरे का सही अर्थ क्या होगा?

- Ans
- 1. पास तक न आने देना
 - 2. नष्ट होने के करीब होना
 - 3. बुद्धि चकरा जाना
 - 4. घनिष्ठ संबंध

Q.3 निम्नलिखित में से 'गंदा' का एक कौन-सा अनेकार्थी शब्द नहीं है?

- Ans
- 1. हत्या
 - 2. अश्लील
 - 3. मैला
 - 4. बुरा

Q.4 नीचे दिए गए वाक्य के किस भाग में वर्तनी संबंधी अशुद्धि है? बुरे करम का परिणाम बुरा होता है।

- Ans
- 1. होता है।
 - 2. बुरे
 - 3. करम
 - 4. का परिणाम बुरा

Q.5 'अदक्ष' शब्द का उचित पर्यायवाची शब्द पहचानें।

- Ans
- 1. दुर्लभ
 - 2. रजनी
 - 3. पर्ण
 - 4. अनभिज्ञ

Q.6 'नौ दिन चले अढ़ाई कोस' लोकोक्ति का सही अर्थ क्या होगा?

- Ans
- 1. बहुत ही मन्द गति से कार्य होना
 - 2. हराम की कमाई बेकार जाती है
 - 3. एक जैसे बदमाश
 - 4. असंभव या विपरीत बात होना

