



GOVT. OF NCT OF DELHI
Delhi Subordinate Services Selection Board
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Test Center Name	Aadarsh Pariksha Kendra CENTER C - Gate No 2 - Noida Sector 64
Test Date	23/04/2026
Test Time	9:00 AM - 11:00 AM
Subject	Multi Tasking Staff

Section : General intelligence and Reasoning Ability

- Q.1** 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' and
A * B means 'A is the father of B'.

Based on the above, how is C related to G if 'C \$ F @ K * L = G'? 2267

- Ans
- 1. Father
 - 2. Mother's father
 - 3. Mother's brother
 - 4. Brother

- Q.2** Refer to the following letter, symbol series and answer the question that follows.
Counting to be done from left to right only.

(Left) L R € J N £ K \$ D S % E O # H € F M % H & (Right)

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

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

- Q.3** Refer to the following number, symbol series and answer the question (all numbers are single digit numbers only).

(Left) 2 # 1 ^ 5 \$ @ 8 + & 5 \$ 2 ! 9 + ? ^ 4 @ 5 8 (Right)

If all the symbols are dropped from the series, which of the following will be seventh from the right? 9738

- Ans
- 1. 9
 - 2. 5
 - 3. 8
 - 4. 7

Q.4 Each of A, E, I, O, U, X and Z 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 an exam between O and Z. Only three people have an exam between I and E. U has an exam on some day before A and on some day after X.
Only E has an exam after Z.
How many people have an exam after O?

- Ans**
- 1. Four
 - 2. One
 - 3. Five
 - 4. Two

Q.5 In a certain code language, 'TURN' is coded as '5137' and 'ROAD' is coded as '2461'.
What is the code for 'R' in the given code language?

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

Q.6 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only

(Left) A O & £ P € F @ O H E © Z D % B * A X @ C G (Right)

How many such letters are there each of which is immediately preceded by a letter and also immediately followed by a symbol?6431

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

Q.7 Each of S, T, U, V, 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.

Y has an exam on Thursday. Z has an exam on one of the days after S and on one of the days before T. X has an exam on one of the days after U but on one of the days before V. U has an exam on one of the days after Y.

How many people have exams between X and Z?

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

Q.8 In a certain code language, 'FERN' is coded as '4179' and 'RENT' is coded as '7496'.
What is the code for 'T' in the given code language?2148

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

Q.9 Six people, A, B, C, D, E and F are sitting in a row, facing north. Only two people sit to the left of D. B sits second to the right of A. C sits to the immediate left of E. F sits to the immediate right of A. Who sits to the immediate left of D?

- Ans**
- 1. F
 - 2. B
 - 3. C
 - 4. E

Q.10 D, E, F, P, Q, R and T are sitting around a circular table facing the centre of the table. E sits to the immediate right of D. Only three people sit between E and R when counted from the left of E. Only three people sit between D and T. P sits to the immediate right of Q. How many people sit between D and Q when counted from the right of Q?2079

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

Q.11 A statement is given followed by two conclusions. Identify which of the given conclusions is/are true based on the given statement.

Statement:

$$C \leq D > P > K = E$$

Conclusions:

I. $C < P$

II. $E < D$ 1976

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

Q.12 Y is the father of P. N is the daughter of L. K is the father of L. P is the brother of N. How is K related to P ?

- Ans
- 1. Mother's brother
 - 2. Daughter's husband
 - 3. Mother's father
 - 4. Wife's father

Q.13 In a certain code language, 'OPLJ' is coded as '9753' and 'JAPL' is coded as '2357'. What is the code for 'A' in the given code language?

- Ans
- 1. 7
 - 2. 3
 - 3. 5
 - 4. 2

Q.14 A statement is given followed by two conclusions. Identify which of the given conclusions is/are true based on the given statement.

Statement:

$$O < K < C < R > Z$$

Conclusions:

I. $Z > K$

II. $O < R$ 2128

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

Q.15 Refer to the following letter series and answer the question that follows. Counting to be done from left to right only.

(Left) E D W A B U F G K I M K J B U V X V E T S (Right)

How many such consonants are there, each of which is immediately preceded by a vowel and also immediately followed by a vowel?

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

Q.16 Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusion/s logically follow/s from the given statements.

Statements: All hammers are guns. All weapons are guns.

Conclusion (I) : No hammer is a weapon.
Conclusion (II) : Some guns are weapons.

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

Q.17 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only.

(Left) 7 8 7 8 & 6 £ 2 9 * @ * 8 * 2 @ 5 4 5 * 9 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. 2
 - 2. 5
 - 3. 4
 - 4. 3

Q.18 D, E, F, H, I and J 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 D and I, where D lives below I. J lives on an odd numbered floor and immediately above D. F lives on one of the floors below E and on one of the floors above H. Who lives on floor numbered 5?

- Ans
- 1. J
 - 2. H
 - 3. D
 - 4. E

Q.19 Seven boxes A, B, C, D, P, Q and R are kept one over the other but not necessarily in the same order. Only three boxes are kept above C. Only one box is kept between R and C. Only three boxes are kept between R and P. P is kept at some place above C. Q is kept immediately below P. B is kept at one of the places above D. A is not kept immediately above or below R. Which box is kept at the lowermost position?

- Ans
- 1. A
 - 2. Q
 - 3. D
 - 4. B

Q.20 Each vowel in the word ELASTICITY is changed to the second letter following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will appear exactly twice in the group of letters thus formed?

- Ans
- 1. K
 - 2. S
 - 3. C
 - 4. R

Section : General intelligence and Reasoning Ability1

Q.1 What should come in place of '?' in the given series?

43, 57, 75, ?, 123, 153

- Ans
- 1. 95
 - 2. 104
 - 3. 107
 - 4. 97

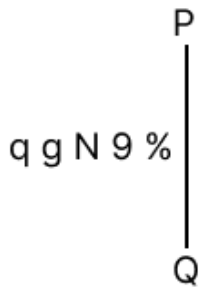
Q.2 In the following triads based on English alphabetical order, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

SILK - ISLK - KISL

CROW - RCOW - WRCO

- Ans
- 1. SLOT - LSOT - TLOS
 - 2. KING - IKNG - GIKN
 - 3. WEPT - WPET - TPEW
 - 4. PORE - OPRE - OREP

Q.3 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown below.



- Ans
- 1. q g N 9 %
 - 2. % 9 N g q
 - 3. d a N 9 %
 - 4. % 9 N 6 b

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 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.)²²⁸²

- Ans
- 1. UR-PI
 - 2. DA-YR
 - 3. RO-MH
 - 4. CZ-XQ

Q.5 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?

$$12 \text{ D } 91 \text{ A } 13 \text{ C } 8 \text{ B } 3 = ?124$$

- Ans
- 1. 29
 - 2. 25
 - 3. 34
 - 4. 31

Q.6 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 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)

16, 17.6

24, 26.4³³⁷

- Ans
- 1. 28, 29.4
 - 2. 22, 23.6
 - 3. 14, 15.4
 - 4. 39, 41.4

Q.7 If 'I' stands for '+', 'J' stands for '×', 'K' stands for '÷' and 'L' stands for '-', then what will come in place of the question mark (?) in the following equation?

$$68 I 9 L (18 K 6) J 2 I 11 J 22 = ?$$

- Ans
- 1. 356
 - 2. 301
 - 3. 313
 - 4. 342

Q.8 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 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.)

111, 667
117, 703404

- Ans
- 1. 112, 667
 - 2. 123, 817
 - 3. 102, 613
 - 4. 107, 642

Q.9 What should come in place of '?' in the given series?
41 56 71 86 101 ?

- Ans
- 1. 116
 - 2. 114
 - 3. 112
 - 4. 118

Q.10 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.)¹⁷⁷²

- Ans
- 1. TRQ
 - 2. XVU
 - 3. PNM
 - 4. EBA

Q.11 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$35 \times 5 - 18 + 7 \div 3 = ?113$$

- Ans
- 1. 0
 - 2. 11
 - 3. 7
 - 4. 4

Q.12 Based on the 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)1762

- Ans
- 1. QRW
 - 2. MNS
 - 3. BCG
 - 4. EFK

Q.13 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 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.)

45, 44.4
31, 30.4

- Ans
- 1. 29, 26.4
 - 2. 34, 34.8
 - 3. 48, 46.4
 - 4. 23, 22.4

Q.14 If the water source is placed along X-Y, as shown in the figure, which of the given options will be the water reflection of the given figure.



- Ans
- 1. L I A O Y Z
 - 2. L I A O Y Z
 - 3. L I A O Y Z
 - 4. L I A O Y Z

Q.15 What should come in place of the '?' in the given series?

6 9 21 24 51 54 ?
3047

- Ans
- 1. 101
 - 2. 57
 - 3. 75
 - 4. 111

Q.16 BLTP is related to GQYU in a certain way based on the English alphabetical order. In the same way, DSKR is related to IXPW. To which of the following is CNJD related, following the same logic?

- Ans
- 1. NMKL
 - 2. TRYU
 - 3. VGHJ
 - 4. HSOI

Q.17 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.

SNAD : XLFB

VJQL : AHVJ

- Ans
- 1. CREA : HTJY
 - 2. MGRA : REWY
 - 3. PITR : UKYT
 - 4. PAEG : UYZE

Q.18 Each of the digits in the number 5017362 is arranged in ascending order from left to right. 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?4891

- Ans
- 1. 11
 - 2. 10
 - 3. 7
 - 4. 9

Q.19 If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', what will come in place of question mark '?' in the following equation?
12 C 40 A 4 D 7 B 3 = ?

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

Q.20 Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusion/s logically follow/s from the given statements.

Statements:

Some cars are windows.

No window is a ball.

Conclusion (I) : Some cars are balls.

Conclusion (II) : Some windows are cars.2264

- 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

Section : General Awareness

Q.1 In February 2026, India's Tejaswin Shankar clinched a gold medal at the Asian Indoor Athletics Championships held in China in which event?

- Ans
- 1. Men's long jump event
 - 2. Men's high jump event
 - 3. Men's heptathlon event
 - 4. Men's pole vault event

Q.2 Which Buddhist architectural style is characterized by its horseshoe-shaped window above the entrance of chaitya halls?

- Ans**
- 1. Vihara, with its simple rooms
 - 2. Chaitya, with its arched window
 - 3. Stupa, with its dome shape
 - 4. Torana, with its carved gates

Q.3 In the short run of bussiness, at least one factor of production remains:

- Ans**
- 1. Variable
 - 2. Fixed
 - 3. Mobile
 - 4. Abundant

Q.4 Which of the following correctly identifies the region for which NIMHANS-2 (a second National Institute of Mental Health and Neurosciences) was proposed in the Union Budget 2026–27, presented in February 2026?

- Ans**
- 1. South India
 - 2. North India
 - 3. East India
 - 4. North-East India

Q.5 Who among the following played a major role in the formation of the Hindustan Socialist Republican Association (HSRA)?

- Ans**
- 1. Jawaharlal Nehru
 - 2. Mahatma Gandhi
 - 3. C. Rajagopalachari
 - 4. Bhagat Singh

Q.6 What happens to the Total Physical Product (TPP) after the point of inflection in a classical production function curve?

- Ans**
- 1. It remains constant.
 - 2. It decreases.
 - 3. It increases at an increasing rate.
 - 4. It increases at a decreasing rate.

Q.7 What was the main reason Indian political leaders opposed the Simon Commission appointed by the British Government in 1927 to review Constitutional Reforms in India?

- Ans**
- 1. The commission abolished provincial legislatures
 - 2. The commission had no Indian members
 - 3. The commission proposed complete independence for India
 - 4. The commission recommended the partition of India

Q.8 In November 2025, with what amount did the Government of India launch the RDI (Research, Development and Innovation) Fund with the objective to strengthen the scientific and technological capabilities in the country?

- Ans**
- 1. ₹10 Lakh crore
 - 2. ₹50,000 crore
 - 3. ₹20 Lakh crore
 - 4. ₹1 Lakh crore

- Q.9** How many Carbon Capture and Utilisation (CCU) testbeds focused on the cement sector in India, were unveiled by the Department of Science and Technology (DST) in May 2025?
- Ans**
- 1. Four
 - 2. Three
 - 3. Six
 - 4. Five
- Q.10** Who among the following was associated with the propagation of universalism within the Brahmo Samaj?
- Ans**
- 1. Ishwar Chandra Vidyasagar
 - 2. Raja Ram Mohan Roy
 - 3. Debendranath Tagore
 - 4. Keshab Chandra Sen
- Q.11** What is the core target of the NIPUN Bharat mission as per the New Education Policy 2020?
- Ans**
- 1. Universal secondary school enrollment by 2025
 - 2. Universal digital literacy for all teachers in primary school by 2025
 - 3. Universal foundational literacy and numeracy in primary school by 2025
 - 4. Universal vocational training in primary school by 2025
- Q.12** Which term refers to the process where microfinance institutions focus on providing financial services to marginalised communities?
- Ans**
- 1. Risk Management
 - 2. Financial Inclusion
 - 3. Macrocredit
 - 4. Credit Rating
- Q.13** Which of the following is a characteristic of money market instruments?
- Ans**
- 1. Illiquidity
 - 2. High liquidity
 - 3. High risk
 - 4. Long-term maturity
- Q.14** Which of the following correctly identifies the primary purpose of the Sanchar Saathi app, for which the Department of Telecommunications issued a pre-installation mandate in November 2025?
- Ans**
- 1. Blocking lost phones and reporting telecom fraud
 - 2. Booking railway tickets on rural routes
 - 3. Filing income tax returns from mobile phones
 - 4. Accessing government health insurance benefits
- Q.15** Who was the leader of the Civil Disobedience Movement in 1930?
- Ans**
- 1. Madam Bhikaji Cama
 - 2. Mahatma Gandhi
 - 3. C. Rajagopalachari
 - 4. Bal Gangadhar Tilak

Q.16 Who founded the Social Service League in 1911 to carry out social work?

- Ans**
- 1. Annie Besant
 - 2. Narayana Guru
 - 3. Veeresalingam Pantulu
 - 4. Narayan Malhar Joshi

Q.17 In June 2025, who among the following Indian cricketers was inducted into the ICC Hall of Fame?

- Ans**
- 1. Anil Kumble
 - 2. Rahul Dravid
 - 3. Kapil Dev
 - 4. MS Dhoni

Q.18 Which government scheme is primarily focused on promoting self-employment among the rural poor by forming Self-Help Groups (SHGs)?

- Ans**
- 1. National Rural Livelihood Mission (NRLM)
 - 2. Pradhan Mantri Gram Sadak Yojana (PMGSY)
 - 3. National Rural Health Mission (NRHM)
 - 4. Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA)

Q.19 In February 2026, the Prime Minister of India inaugurated the Namo Bharat RRTS corridor connecting which two cities?

- Ans**
- 1. Delhi – Meerut
 - 2. Delhi–Lucknow
 - 3. Delhi–Chandigarh
 - 4. Delhi–Jaipur

Q.20 In January 2026, K. Pajanivel was conferred the Padma Shri for his contribution to which traditional Indian martial art?

- Ans**
- 1. Silambam
 - 2. Kalaripayattu
 - 3. Gatka
 - 4. Thang-Ta

Section : **General Awareness1**

Q.1 What is the harmika in Buddhist architecture?

- Ans**
- 1. A small, square, fence-like railing structure at the top of a stupa's dome
 - 2. A bell-shaped ornament railing structure at the top of a stupa's dome
 - 3. A large triangular railing structure at the top of a stupa's dome
 - 4. A small circular platform at the base of a stupa

Q.2 Which Article of the Indian Constitution provides for the President's rule in any state?

- Ans**
- 1. Article 296
 - 2. Article 326
 - 3. Article 356
 - 4. Article 256

Q.3 The Kandariya Mahadeva Temple at Khajuraho represents which style of temple architecture?

- Ans**
- 1. Dravidian
 - 2. Indo-Islamic
 - 3. Vesara
 - 4. Nagara

Q.4 Which style of Hindu temple architecture, common in northern India, is commonly built on a stone platform with steps leading up to it?

- Ans**
- 1. Nagara
 - 2. Vesara
 - 3. Dravida
 - 4. Kalinga

Q.5 Which of the following is the 'Zila Parishad' in the context of the Panchayati Raj system?

- Ans**
- 1. The lowest tier of local governance
 - 2. A committee that oversees urban municipalities
 - 3. The top tier representing an entire district
 - 4. A body that functions independently of the state government

Q.6 The Silent Valley National Park, known for its rich biodiversity, is located in which Indian state?

- Ans**
- 1. Tamil Nadu
 - 2. Kerala
 - 3. Goa
 - 4. Karnataka

Q.7 Which programme supports port-led urban growth?

- Ans**
- 1. Mission Amrit Sarovar
 - 2. Sagarmala Programme
 - 3. Atal Mission for Rejuvenation and Urban Transformation
 - 4. Smart Cities Mission

Q.8 Which of the following is a monocotyledonous plant from the list?

- Ans**
- 1. Pea
 - 2. Arhar
 - 3. Maize
 - 4. Gram

Q.9 In India, which of the following religions was introduced from outside and is exogenous in origin?

- Ans**
- 1. Islam
 - 2. Buddhism
 - 3. Sikhism
 - 4. Jainism

Q.10 In which of the following states is the Kaiga Nuclear Power Project situated?

- Ans**
- 1. West Bengal
 - 2. Karnataka
 - 3. Nagaland
 - 4. Rajasthan

Q.11 Which port is NOT located on the western coast?

- Ans
- 1. Cochin
 - 2. Mangalore
 - 3. Chennai
 - 4. Kandla

Q.12 If the President of India is unable to discharge his functions due to illness, who assumes the President's duties temporarily?

- Ans
- 1. Chief Justice of India
 - 2. Prime Minister of India
 - 3. Speaker of Lok Sabha
 - 4. Vice-President of India

Q.13 The broad, flat, green part of a leaf is called ____.

- Ans
- 1. Node
 - 2. Petiole
 - 3. Lamina
 - 4. Stipule

Q.14 The Chennakeshava Temple is an example of which style of workmanship?

- Ans
- 1. Hoysala
 - 2. Nagara
 - 3. Dravidian
 - 4. Vesara

Q.15 According to the Indian Constitution, the right to free and compulsory education for children (6–14 years) is guaranteed under which Article?

- Ans
- 1. Article 21A
 - 2. Article 45
 - 3. Article 19B
 - 4. Article 21

Q.16 Which of the following Articles of the Indian Constitution guarantees freedom of life to every Indian citizen against arbitrary interference by the state?

- Ans
- 1. Article 17
 - 2. Article 24
 - 3. Article 21
 - 4. Article 14

Q.17 Which of the following is a primary consumer?

- Ans
- 1. Cat
 - 2. Goat
 - 3. Frog
 - 4. Grass

Q.18 What is the term for division of cytoplasm to give two daughter cells?

- Ans
- 1. Cytokinesis
 - 2. Karyokinesis
 - 3. Plasmolysis
 - 4. Meiosis

Q.19 What is the main function of bile in the digestive process?

- Ans
- 1. Digestion of proteins
 - 2. Breakdown of carbohydrates
 - 3. Emulsification of fats
 - 4. Absorption of water

Q.20 A major harvest festival in India marks the Sikh New Year and commemorates the formation of the Khalsa in 1699 by Guru Gobind Singh. It is celebrated with community gatherings, fairs and traditional dances like Bhangra and Gidda. This festival is primarily associated with which Indian state?

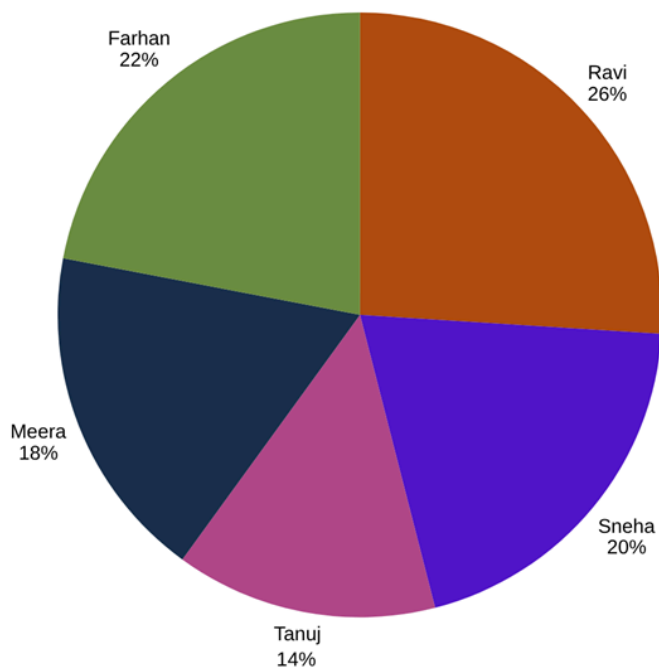
- Ans
- 1. Kerala
 - 2. Odisha
 - 3. Punjab
 - 4. Assam

Section : **Arithmetical and Numerical Ability**

Q.1 What is the difference (in ₹) between compound interest on ₹12,000 for one and a half years at 10% per annum, when the interest is compounded annually and semi-annually?

- Ans
- 1. 28.35
 - 2. 25.5
 - 3. 35.65
 - 4. 31.50

Q.2 Five school alumni — Ravi, Sneha, Tanuj, Meera, and Farhan — have jointly invested in a food truck business. The percentage of capital invested by each is shown below:



Ravi invested 26% of the total capital. What is the central angle of his sector in a pie chart?

- Ans
- 1. 86.4°
 - 2. 93.6°
 - 3. 78°
 - 4. 104.4°

Q.3 There are 24 members in group A, 62 members in group B, and 13 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 ₹146, ₹138, and ₹405, respectively. Find the overall average amount spent per member (in ₹).

- Ans
- 1. 174
 - 2. 175
 - 3. 173
 - 4. 179

Q.4 Tannu deposited ₹2,200 in a private bank that promised 8% simple interest per annum. If Tannu kept the money with the bank for 8 years, she will earn an interest of:

- Ans
- 1. ₹1,508
 - 2. ₹1,408
 - 3. ₹1,488
 - 4. ₹1,388

Q.5 Kiran finds a 10% increase in the sales in the first year and 25% in the second year, if the current sales is ₹2,50,800, what was the sales (in ₹) two years ago?

- Ans
- 1. 1,82,400
 - 2. 2,00,640
 - 3. 1,62,400
 - 4. 2,28,000

Q.6 Find the value $x : x = \frac{2.863}{1000} + 4.37 + \frac{32}{100}$

- Ans
- 1. 6.692863
 - 2. 4.692863
 - 3. 7.692863
 - 4. -4.692863

Q.7 If the number 199 can be written as $m^2 - n^2$, where m and n are natural numbers, ($m > n$), then the values of m and n , respectively, are:

- Ans
- 1. 98 and 101
 - 2. 102 and 97
 - 3. 101 and 98
 - 4. 100 and 99

Q.8 Simplify: $\sqrt{711 + \sqrt{306 + \sqrt{360 - 36}}}$

- Ans
- 1. 28
 - 2. 27
 - 3. 24
 - 4. 23

Q.9 A team of 5 members scored the following points in a quiz: 12, 15, 17, 19, and 21. If a sixth member joins and the average score becomes 18, what is the score of the sixth member?

- Ans
- 1. 18
 - 2. 12
 - 3. 21
 - 4. 24

Q.10 The price of an item was increased by 12%. This reduced the monthly total sales by 16%. The overall effect on the value of monthly sales is _____.

- Ans
- 1. 6.82 % decrease
 - 2. 6.82 % increase
 - 3. 5.92 % increase
 - 4. 5.92 % decrease

Q.11 In what ratio must a shopkeeper mix two varieties of coffee worth ₹480 per kg and ₹520 per kg so that by selling the mixture at ₹550 per kg, he gains 10%?

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

Q.12 Towns A and B currently have populations of 10,000 and 12,000, respectively. If the population of town A increases by 10% per year and the population of town B remains constant, by how much will the population of town A exceed that of town B after 2 years?

- Ans
- 1. 200
 - 2. 50
 - 3. 100
 - 4. 150

Q.13 By selling an article for ₹120, a man incurs a loss of 20%. At what price (in ₹) should he sell the article to gain 14%?

- Ans
- 1. 161
 - 2. 171
 - 3. 191
 - 4. 181

Q.14 By selling an article for ₹120, a man incurs a loss of 20%. At what price (in ₹) should he sell the article to gain 22%?

- Ans
- 1. 183
 - 2. 193
 - 3. 203
 - 4. 173

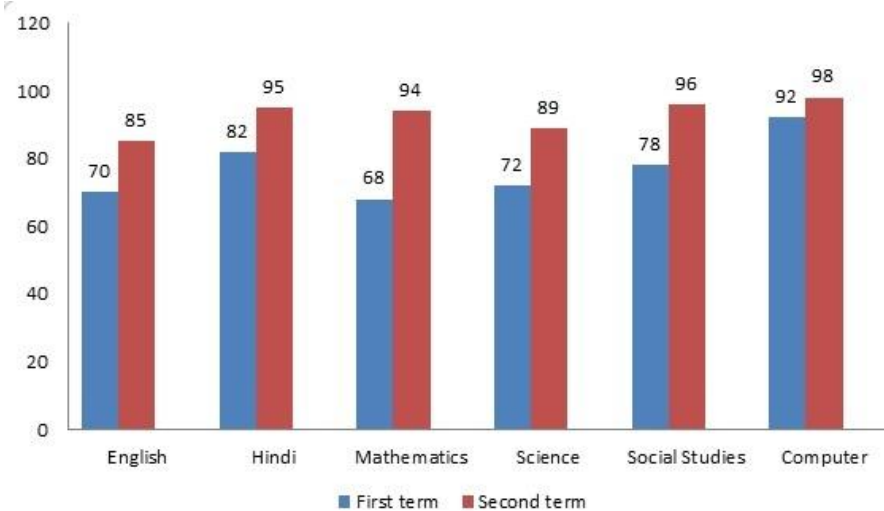
Q.15 Ajay observes a 10% increase in sales in the first year and a 25% increase in the second year. If the current sales are ₹228800, what were the sales (in ₹) two years ago? 118

- Ans
- 1. 146400
 - 2. 183040
 - 3. 166400
 - 4. 208000

Q.16 The average weight of 6 boxes is 18 kg. If the weights of five of the boxes are 14 kg, 16 kg, 18 kg, 20 kg, and 22 kg, respectively, then what is the weight of the sixth box?

- Ans
- 1. 18 kg
 - 2. 24 kg
 - 3. 15 kg
 - 4. 20 kg

Q.17 The bar graph given below shows the marks (out of 100) obtained by a student in various subjects in first term and the second term examination.



Find the difference between the average marks obtained by student in English and Science in term first and in term second examination.

- Ans
- 1. 1.19
 - 2. 2.15
 - 3. 3.13
 - 4. 4.16

Q.18 The current population of a town is 72,600. If it has been growing at the rate of 10% compounded every year for the past few years, what was the population of the town two years ago?

- Ans
- 1. 70,000
 - 2. 65,000
 - 3. 55,000
 - 4. 60,000

Q.19 Two bells ring at intervals of 4 minutes and 6 minutes. If they ring together at 8:00 a.m., at what time will they ring together again?

- Ans
- 1. 8:16 a.m.
 - 2. 8:14 a.m.
 - 3. 8:12 a.m.
 - 4. 8:10 a.m.

Q.20 $\frac{1}{20}$ is what percentage of $\frac{1}{50}$?

- Ans
- 1. 265%
 - 2. 500%
 - 3. 260%
 - 4. 250%

Q.1 Find the 4th proportional to 4, 27.5 and 36.

Ans 1. 247.5

2. 245.5

3. 241.5

4. 243.5

Q.2 If a pipe can fill a tank in 6 hours and another pipe can empty the tank in 10 hours, then what part of the tank will be filled by both pipes in 1 hour, if both pipes are open simultaneously?

Ans 1. $\frac{4}{15}$

2. $\frac{6}{15}$

3. $\frac{1}{15}$

4. $\frac{2}{15}$

Q.3 A supermarket is offering "Buy 1, get 3 free" on household items. What is the net percentage discount being offered by the supermarket?

Ans 1. 65%

2. 75%

3. 85%

4. 80%

Q.4 A train 240 meters long passes a man standing on a platform in 12 seconds. What is the speed of the train in km/h?

Ans 1. 80

2. 60

3. 72

4. 66

Q.5 A man sells a mobile phone for ₹600 and incurs a loss. If he had sold it for ₹1,080, his gain would have been 5-times the former loss. The cost price (in ₹) of the mobile phone is:

Ans 1. 680

2. 660

3. 700

4. 710

Q.6 A cylindrical vessel has a radius of 28 cm and contains water to a height of 60 cm. A solid metal cylinder with a radius of 14 cm and height of 20 cm is completely immersed in the water. Assuming no water overflows, find how much the water level rises in the vessel.

Ans 1. 5 cm

2. 3.5 cm

3. 8 cm

4. 7.5 cm

- Q.7** Three inlet pipes, A, B, and C, can fill a cistern in 12 hours, 15 hours, and 60 hours, respectively. All three pipes are opened at the same time when the cistern is empty, and pipe C is shut off after 1.5 hours. Determine the time required for pipes A and B to fill the remaining part of the cistern.
- Ans** 1. 7 hours
 2. 4 hours
 3. 5 hours
 4. 6 hours
- Q.8** The ratio of the initial incomes of Mohan and Sohan is 3 : 5. Mohan's income increases by ₹3000, while Sohan's income decreases by ₹2000. As a result, the new ratio of their incomes becomes 3 : 4. Find the initial income of Mohan.
- Ans** 1. ₹17000
 2. ₹21000
 3. ₹18000
 4. ₹19000
- Q.9** A train travels at a speed of 40 km/h for 12 minutes and at a speed of 60 km/h for the next 8 minutes. Find the average speed (in km/h) of the train.
- Ans** 1. 36
 2. 42
 3. 56
 4. 48
- Q.10** A car covers 2,700 km at a certain uniform speed in 30 hours. What is its speed in metre per second?
- Ans** 1. 27
 2. 23
 3. 25
 4. 18
- Q.11** If 564 is divided into two parts such that the one-fifth part of the first and one-eighth part of the second are in the ratio 3:4, then compare the two parts in the form of a ratio.
- Ans** 1. 17:33
 2. 4:15
 3. 11:15
 4. 15:32
- Q.12** Mohan and Sohan shared the profit of a business in the ratio 4:7. If Mohan and Sohan invested their capitals for 9 months and 15 months respectively, find the ratio between the capitals of Mohan and Sohan respectively.
- Ans** 1. 23:18
 2. 21:20
 3. 20:21
 4. 18:23
- Q.13** A shopkeeper gives two successive discounts on an article marked ₹2,080. The first discount given is 25%. If the customer pays ₹1,500 for the article, find the second discount percentage (rounded off to two decimal places).
- Ans** 1. 4.05%
 2. 3.85%
 3. 4.95%
 4. 2.35%

Q.14 A cone has radius 5 cm and height 14 cm. If this cone is melted and recast into smaller cones with radius 2.5 cm and height 7 cm, how many smaller cones can be formed?

- Ans
- 1. 12
 - 2. 11
 - 3. 10
 - 4. 8

Q.15 Pipe X can fill a tank in 15 hours and pipe Y can fill the same tank in 45 hours. In how many hours can both pipe X and pipe Y together fill one-third part of the tank?

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

Q.16 Two trains of lengths 105 m and 96 m, respectively, run at the speeds of 72.9 km/h and 108 km/h, respectively, in opposite directions on parallel tracks. Find the time which they take to cross each other.

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

Q.17 Four-ninth of 999 chairs was sold at a profit of ₹95 each and the rest for ₹9,56,043. If the seller makes a profit of 62% on the whole transaction, what is the cost price (in ₹) of each of the chair?

- Ans
- 1. 940
 - 2. 820
 - 3. 850
 - 4. 760

Q.18 The diameter of a road roller of length 130 cm is 84 cm. It rolls over a road 700 times. Find the area of the road covered in square meters. (Use $\pi = \frac{22}{7}$)

- Ans
- 1. 2402.4
 - 2. 240.24
 - 3. 2,4024
 - 4. 420.24

Q.19 If the length of longest diagonal of a cube is $7\sqrt{21}$ cm. Find its volume (V) and surface area (S).

- Ans
- 1. $V=2411\sqrt{7}$ cm³, $S=2068$ cm²
 - 2. $V=2421\sqrt{7}$ cm³, $S=2078$ cm²
 - 3. $V=2401\sqrt{7}$ cm³, $S=2058$ cm²
 - 4. $V=2431\sqrt{7}$ cm³, $S=2088$ cm²

Q.20 A can complete a piece of work in 10 days, and B can complete the same work in 20 days. With the help of C, they finish the work in N days. If C alone can do the same work in 20 days, then the value of N is:

- Ans
- 1. 9
 - 2. 6
 - 3. 8
 - 4. 5

Section : Test of English Language and Comprehension

Q.1 Select the most appropriate article to fill in the blank. If there is no article required, select 'No article'.

_____ Great Wall of China can be seen from space.

- Ans
- 1. No article needed
 - 2. A
 - 3. An
 - 4. The

Q.2 Correct the given sentence by replacing the underlined word with an appropriate adverb.

They arrived lately for the meeting.

- Ans
- 1. lateness
 - 2. later
 - 3. more late
 - 4. late

Q.3 Complete the following sentence by choosing the most appropriate option provided.

The diver discovered a _____ cave at the bottom of the bay, large enough for a big submersible.

- Ans
- 1. spacious
 - 2. wet
 - 3. tight
 - 4. claustrophobic

Q.4 Which of the following adverbs is appropriate to complete the following sentence?

The chief guest stopped his speech ----- and left the stage when the fire broke out.

1736

- Ans
- 1. slowly
 - 2. quickly
 - 3. abruptly
 - 4. eloquently

Q.5 Choose the correct option to fill in the blank.

The cat jumped _____ the fence to catch the bird.1907

- Ans
- 1. in
 - 2. with
 - 3. over
 - 4. under

Q.6 Select the most suitable option to fill in the blank in the given sentence.

Hari was accused _____ stealing important documents from his uncle's cupboard.

- Ans
- 1. on
 - 2. for
 - 3. with
 - 4. of

Q.7 Select the most appropriate option to fill in the blank.

Environmental Sustainability and Economy contains _____ latest practical and theoretical concepts of sustainability science and economic growth.

- Ans
- 1. an
 - 2. these
 - 3. a
 - 4. the

Q.8 Select the most appropriate article to fill in the blank. If there is no article required, select 'No article'.

She took _____ train that left at noon.

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

Q.9 Choose the appropriate option to complete the sentence:

He _____ to join us later if he finishes his homework.

- Ans
- 1. promised
 - 2. will promise
 - 3. promises
 - 4. promise

Q.10 Select the most appropriate adverb to fill in the blank.

Ms. Aiswarya commented, "Our yoga classes are held _____ on Saturdays."

- Ans
- 1. daily
 - 2. monthly
 - 3. fortnightly
 - 4. quarterly

Q.11 Select the most appropriate option to fill in the blank.

The Nile is ____ longest river in the world.

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

Q.12 Choose the appropriate alternative to complete the sentence.

There is no point ____ forcing him to turn left.

- Ans
- 1. in
 - 2. on
 - 3. to
 - 4. at

Q.13 In the given question, a statement divided into different segments is given. Rearrange all the segments to form a coherent statement.

- (A) to travel abroad, but
- (B) the flight was
- (C) they were excited
- (D) delayed due to a storm

- Ans
- 1. BDCA
 - 2. BDAC
 - 3. ABCD
 - 4. CABD

Q.14 Select the most appropriate option to fill in the blank.

The _____ performance of the orchestra received a standing ovation from the audience.

- Ans
- 1. average
 - 2. outstanding
 - 3. mediocre
 - 4. unimpressive

Q.15 Which one-word substitute fits the sentence?

Ravana is someone who dislikes humankind and avoids human society. What do you describe him as?

- Ans
- 1. Misogynist
 - 2. Altruist
 - 3. Philanthropist
 - 4. Misanthrope

Comprehension:

Read the following passage carefully and answer the questions based on it.

Among drinks, green tea is very popular because it is healthy and refreshing. One of the main reasons it is good for health is that it has special natural chemicals called catechins, which are very strong and help protect our body from damage caused by harmful tiny particles, called free radicals, every day. Catechins help stop damage to our cells caused by harmful tiny particles called free radicals. Free radicals can make people sick if they stay in the body for a long time. Drinking green tea regularly can reduce this damage and keep our body strong and healthy. Green tea also helps in digestion, keeps us active, and supports the heart. People often drink it in the morning or evening, sometimes with honey or lemon for better taste. Unlike sugary drinks, green tea has very few calories and no chemicals. Everyone can drink it to stay healthy and active.

SubQuestion No : 16

Q.16 What is the main structure of the passage?

Comprehension:

Read the following passage carefully and answer the questions based on it.

Among drinks, green tea is very popular because it is healthy and refreshing. One of the main reasons it is good for health is that it has special natural chemicals called catechins, which are very strong and help protect our body from damage caused by harmful tiny particles, called free radicals, every day. Catechins help stop damage to our cells caused by harmful tiny particles called free radicals. Free radicals can make people sick if they stay in the body for a long time. Drinking green tea regularly can reduce this damage and keep our body strong and healthy. Green tea also helps in digestion, keeps us active, and supports the heart. People often drink it in the morning or evening, sometimes with honey or lemon for better taste. Unlike sugary drinks, green tea has very few calories and no chemicals. Everyone can drink it to stay healthy and active.

SubQuestion No : 17

Q.17 What is the central theme of the passage?

Comprehension:

Read the following passage carefully and answer the questions based on it.

Among drinks, green tea is very popular because it is healthy and refreshing. One of the main reasons it is good for health is that it has special natural chemicals called catechins, which are very strong and help protect our body from damage caused by harmful tiny particles, called free radicals, every day. Catechins help stop damage to our cells caused by harmful tiny particles called free radicals. Free radicals can make people sick if they stay in the body for a long time. Drinking green tea regularly can reduce this damage and keep our body strong and healthy. Green tea also helps in digestion, keeps us active, and supports the heart. People often drink it in the morning or evening, sometimes with honey or lemon for better taste. Unlike sugary drinks, green tea has very few calories and no chemicals. Everyone can drink it to stay healthy and active.

SubQuestion No : 18

Q.18 What is the tone of the passage?

Comprehension:

Read the following passage carefully and answer the questions based on it.

Among drinks, green tea is very popular because it is healthy and refreshing. One of the main reasons it is good for health is that it has special natural chemicals called catechins, which are very strong and help protect our body from damage caused by harmful tiny particles, called free radicals, every day. Catechins help stop damage to our cells caused by harmful tiny particles called free radicals. Free radicals can make people sick if they stay in the body for a long time. Drinking green tea regularly can reduce this damage and keep our body strong and healthy. Green tea also helps in digestion, keeps us active, and supports the heart. People often drink it in the morning or evening, sometimes with honey or lemon for better taste. Unlike sugary drinks, green tea has very few calories and no chemicals. Everyone can drink it to stay healthy and active.

SubQuestion No : 19

Q.19 Which statement is a fact mentioned in the passage?

Comprehension:

Read the following passage carefully and answer the questions based on it.

Among drinks, green tea is very popular because it is healthy and refreshing. One of the main reasons it is good for health is that it has special natural chemicals called catechins, which are very strong and help protect our body from damage caused by harmful tiny particles, called free radicals, every day. Catechins help stop damage to our cells caused by harmful tiny particles called free radicals. Free radicals can make people sick if they stay in the body for a long time. Drinking green tea regularly can reduce this damage and keep our body strong and healthy. Green tea also helps in digestion, keeps us active, and supports the heart. People often drink it in the morning or evening, sometimes with honey or lemon for better taste. Unlike sugary drinks, green tea has very few calories and no chemicals. Everyone can drink it to stay healthy and active.

SubQuestion No : 20

Q.20 Which inference can be drawn from the passage?

Section : **Test of English Language and Comprehension1**

Q.1 Select the option from the given alternatives that can be used as a one-word substitute for the highlighted phrase.

A person who claims to be someone who knows everything possesses complete and unlimited knowledge.

- Ans
- 1. inexplicable
 - 2. omnipresent
 - 3. omnipotent
 - 4. omniscient

Q.2 Choose the option that best explains the meaning of the given proverb.

Practice makes perfect.

- Ans
- 1. Failure is inevitable
 - 2. Repetition leads to excellence
 - 3. Natural talent is key
 - 4. Trying once is enough

Q.3 Choose the option that correctly describes the meaning of the proverb.

Too many cooks spoil the broth

- Ans
- 1. Too many people trying to control something can ruin it.
 - 2. Cooking with too many chefs enhances the flavour.
 - 3. It's good and acceptable to have many opinions in decision making.
 - 4. A lot of cooks can create a delicious meal.

Q.4 From the given options choose the one that has no spelling error.

- Ans
- 1. The greenhouse's advanced system therrmoregulated the temperature, ensuring optimal conditions for the exotic plants to thrive.
 - 2. The greenhouse's advanced system thermorregulated the temperature, ensuring optimal conditions for the exotic plants to thrive.
 - 3. The greenhouse's advanced system thermoregulated the temperature, ensuring optimal conditions for the exotic plants to thrive.
 - 4. The greenhouse's advanced system therrmoregulated the temperature, ensuring optimal conditions for the exotic plants to thrive.

Q.5 Select the option that can be used as a one-word substitute for the underlined group of words.

Sarah is a person who can speak multiple languages fluently.

- Ans
- 1. polyglot
 - 2. translator
 - 3. interpreter
 - 4. linguist

Q.6 The following sentence has been split into four segments, where the first segment(S) is fixed. Rearrange the remaining jumbled segments(A B C D) to a form a coherent and meaningful paragraph.

S:Artificial intelligence is changing many industries

A:by automating routine tasks

B:and improving work efficiency

C:in different professional fields

D:through data-based decisions

- Ans
- 1. A - D - B - C
 - 2. A - B - D - C
 - 3. C - A - B - D
 - 4. D - A - B - C

Q.7 Select the antonym of "Obfuscate".

- Ans
- 1. Forbid
 - 2. Conceal
 - 3. Mystify
 - 4. Clarify

Q.8 What does the proverb "A watched pot never boils" signify?

- Ans
- 1. Cooking is an art.
 - 2. Patience is required for good results.
 - 3. Time passes slowly when waiting.
 - 4. Watching is ineffective.

Q.9 Choose the word from the given options that is opposite in meaning to the word underlined in the sentence.

When asked a question, Arjun was nonplussed.

- Ans
- 1. Enraged
 - 2. Distracted
 - 3. Undaunted
 - 4. Terse

Q.10 Identify the antonym of the given word.

Untenable

- Ans
- 1. Logical
 - 2. Unconvincing
 - 3. Sustainable
 - 4. Indefensible

Q.11 Choose the correct one-word substitution for the given highlighted phrase from the options below.

He felt a **sudden, involuntary tightening of the muscles** in his leg after the long run.

- Ans
- 1. paralysis
 - 2. convulsion
 - 3. cramp
 - 4. spasm

Q.12 Select the option from the given alternatives that can be used as a one-word substitute for the highlighted phrase.

The disease which spreads rapidly across countries generally affects many people.

- Ans
- 1. pandemic
 - 2. arsenal
 - 3. contemporary
 - 4. endemic

Q.13 Choose the correct meaning for the following proverb.

You can't have your cake and eat it too.

- Ans
- 1. Eating cake is a waste of money.
 - 2. Cakes are unhealthy and should not be eaten.
 - 3. Sharing food is always better.
 - 4. You can't enjoy two opposite benefits at the same time.

Q.14 From the given options choose the one that is the correct spelling of the word in brackets.

The insurance policy provided (indimnity) against losses from natural disasters, ensuring financial protection for the homeowners.

- Ans
- 1. indiemnity
 - 2. indemnity
 - 3. indeimnity
 - 4. indemniety

Q.15 What is the antonym of 'resilient'?

- Ans
- 1. Flexible
 - 2. Durable
 - 3. Rigid
 - 4. Adaptable

Comprehension:

Read the passage below and answer the questions that follow:

Despite its rugged reputation the Himalayas is a mosaic of fragile environments that face a range of challenges. It is the source of six of Asia's great rivers, including the Yangtze, Indus and Ganges, but changes in climate are affecting their flow. Melting glaciers and causing floods as glacial lakes burst their banks, whilst downstream water availability is becoming increasingly uncertain as unpredictable seasons bring either too much water or too little. Both the people and wildlife of the region depend on the natural resources of the Himalayas. Yet as human populations increase, people are using the resources faster than the Himalayas can replenish them. Forests are becoming fragmented, which is a serious problem for species like the tiger and elephant that need large territories to wander in. Consequently, people and wildlife are increasingly coming into contact as the wild spaces decrease, and human populations grow.

SubQuestion No : 16

Q.16 What would be the most suitable title for the passage?

Comprehension:

Read the passage below and answer the questions that follow:

Despite its rugged reputation the Himalayas is a mosaic of fragile environments that face a range of challenges. It is the source of six of Asia's great rivers, including the Yangtze, Indus and Ganges, but changes in climate are affecting their flow. Melting glaciers and causing floods as glacial lakes burst their banks, whilst downstream water availability is becoming increasingly uncertain as unpredictable seasons bring either too much water or too little. Both the people and wildlife of the region depend on the natural resources of the Himalayas. Yet as human populations increase, people are using the resources faster than the Himalayas can replenish them. Forests are becoming fragmented, which is a serious problem for species like the tiger and elephant that need large territories to wander in. Consequently, people and wildlife are increasingly coming into contact as the wild spaces decrease, and human populations grow.

SubQuestion No : 17

Q.17 Which of the following facts is explicitly mentioned in the passage?

Comprehension:

Read the passage below and answer the questions that follow:

Despite its rugged reputation the Himalayas is a mosaic of fragile environments that face a range of challenges. It is the source of six of Asia's great rivers, including the Yangtze, Indus and Ganges, but changes in climate are affecting their flow. Melting glaciers and causing floods as glacial lakes burst their banks, whilst downstream water availability is becoming increasingly uncertain as unpredictable seasons bring either too much water or too little. Both the people and wildlife of the region depend on the natural resources of the Himalayas. Yet as human populations increase, people are using the resources faster than the Himalayas can replenish them. Forests are becoming fragmented, which is a serious problem for species like the tiger and elephant that need large territories to wander in. Consequently, people and wildlife are increasingly coming into contact as the wild spaces decrease, and human populations grow.

SubQuestion No : 18

Q.18 What can be inferred about the relationship between human population growth and wildlife in the Himalayas?

Comprehension:

Read the passage below and answer the questions that follow:

Despite its rugged reputation the Himalayas is a mosaic of fragile environments that face a range of challenges. It is the source of six of Asia's great rivers, including the Yangtze, Indus and Ganges, but changes in climate are affecting their flow. Melting glaciers and causing floods as glacial lakes burst their banks, whilst downstream water availability is becoming increasingly uncertain as unpredictable seasons bring either too much water or too little. Both the people and wildlife of the region depend on the natural resources of the Himalayas. Yet as human populations increase, people are using the resources faster than the Himalayas can replenish them. Forests are becoming fragmented, which is a serious problem for species like the tiger and elephant that need large territories to wander in. Consequently, people and wildlife are increasingly coming into contact as the wild spaces decrease, and human populations grow.

SubQuestion No : 19

Q.19 What is the organizational structure of the passage?

Comprehension:

Read the passage below and answer the questions that follow:

Despite its rugged reputation the Himalayas is a mosaic of fragile environments that face a range of challenges. It is the source of six of Asia's great rivers, including the Yangtze, Indus and Ganges, but changes in climate are affecting their flow. Melting glaciers and causing floods as glacial lakes burst their banks, whilst downstream water availability is becoming increasingly uncertain as unpredictable seasons bring either too much water or too little. Both the people and wildlife of the region depend on the natural resources of the Himalayas. Yet as human populations increase, people are using the resources faster than the Himalayas can replenish them. Forests are becoming fragmented, which is a serious problem for species like the tiger and elephant that need large territories to wander in. Consequently, people and wildlife are increasingly coming into contact as the wild spaces decrease, and human populations grow.

SubQuestion No : 20

Q.20 In the sentence "Despite its rugged reputation the Himalayas is a mosaic of fragile environments that face a range of challenges," identify the antonym of the word "fragile."

Section : Test of Hindi Language and Comprehension

**Q.1 उपयुक्त कारक चिह्न का चयनकर रिक्त स्थान की पूर्ति कीजिए।
सुमनपढ़ाई की।**

- Ans**
- 1. हे
 - 2. से
 - 3. के
 - 4. ने

**Q.2 निम्नलिखित वाक्य खंड को क्रम में लिखें -
संघर्ष की आग से
बनता है और लक्ष्य
तपकर ही चरित्र मजबूत
प्राप्ति संभव होती है**

- Ans**
- 1. 1324
 - 2. 2413
 - 3. 3412
 - 4. 4132

Q.3 निम्नलिखित वाक्य खंड को क्रम में लिखें -
लोकोक्तियाँ जीवन
जो सरल शब्दों में
दर्शन का सार हैं,
गहन सत्य व्यक्त करती हैं

- Ans
- 1. 4132
 - 2. 2314
 - 3. 3412
 - 4. 1324

Q.4 वाक्य विन्यास की दृष्टि से दिये गये वाक्य के शुद्ध रूप का चयन करें--
हमें अपने माता-पिता का हमेशा सम्मान और आदर चाहिए करना।

- Ans
- 1. अपने माता-पिता का हमें हमेशा सम्मान और आदर करना चाहिए।
 - 2. हमें अपने माता-पिता का सम्मान और आदर हमेशा चाहिए करना।
 - 3. हमें अपने माता-पिता का हमेशा और सम्मान आदर करना चाहिए।
 - 4. हमें अपने माता-पिता का हमेशा सम्मान और आदर करना चाहिए।

Q.5 खून के घूँट पीना- मुहावरे का सही अर्थ क्या है?

- Ans
- 1. तेजी से हमला करना
 - 2. ध्वस्त कर देना
 - 3. क्रोध को दबा देना
 - 4. परेशान करते रहना

Q.6 निम्नलिखित वाक्य को शुद्ध करें।
हमारी गाँव से दूसरे गाँव जाने के लिए एक ही बस जाती है।

- Ans
- 1. हमारे गाँव से दूसरे गाँव जाने के लिए एक ही बस जाती है।
 - 2. हमारे गाँव से दुसरे गाव जाने के लिए एक ही बस जाती है।
 - 3. हमारे गाँव सी दूसरे गाँव जाने के लिए एक ही बस जाती है।
 - 4. हमारे गाँव से दूसरे गाँव जाने के लिए एक ही बस जाती है।

Q.7 नीचे दिए मुहावरे का अर्थ दिए गए विकल्पों में से चुनिए।
तलवा खुजलाना

- Ans
- 1. यात्रा करने को होना
 - 2. तितर-बितर करना
 - 3. जूते चाटना
 - 4. हटा देना

Q.8 निम्न विकल्पों में अतिरिक्त वाक्य अंकित कीजिए।

- Ans
- 1. योग से मानसिक शांति और शारीरिक लचीलापन बढ़ता है।
 - 2. महात्मा गांधी ने अहिंसा का मार्ग अपनाया।
 - 3. नेताजी सुभाष चंद्र बोस ने आज़ाद हिंद फौज का गठन किया।
 - 4. 1857 की क्रांति को प्रथम स्वतंत्रता संग्राम कहा जाता है।

Q.9 दिए गए वाक्य में प्रेरणार्थक क्रिया शब्द का चयन करके रिक्त स्थान की पूर्ति करें-

उद्योगपति ने विशेषज्ञों से मशीनों की जाँच -----।

- Ans
- 1. करवाई
 - 2. रखवाई
 - 3. बनवाई
 - 4. करवाया

Q.10 जिसकी आशा ना की गयी हो, ऐसे परिणाम से अक्सर जीवन में नया मोड़ आता है। रेखांकित वाक्यांश के लिए सार्थक शब्द क्या है?

- Ans
- 1. क्षणभंगुर
 - 2. अतिक्रमण
 - 3. अप्रत्याशित
 - 4. शरणागत

Q.11 पूर्वकालिक क्रिया के प्रयोग से वाक्य पूर्ण करें।
रमाशंकर के भाई ने भोजन किया।

- Ans
- 1. स्वादिष्ट
 - 2. धीरे-धीरे
 - 3. नहाकर
 - 4. हँसते-हँसते

Q.12 निम्नलिखित विकल्पों में से अतिरिक्त वाक्य का चयन करें।
अ. भारतीय गाँव अभी भी बहुत पिछड़े हैं।
ब. वहाँ मूलभूत संसाधनों का अभाव है।
स. वहाँ के लोग अभी भी बेबस और लाचार जीवन जीते हैं।
द. क्योंकि विलासिता में ही जीवन का वैभव है।

- Ans
- 1. ब
 - 2. अ
 - 3. द
 - 4. स

Q.13 निम्न में से 'जिसका जन्म पीछे हुआ हो' वाक्यांश के लिए सार्थक शब्द कौन-सा है ?

- Ans
- 1. अग्रज
 - 2. पंकज
 - 3. अंडज
 - 4. अनुज

Q.14 उपयुक्त 'क्रिया-विशेषण' का चयनकर दिए गए वाक्य की पूर्ति कीजिए।
तुम खड़े हो ?

- Ans
- 1. कब
 - 2. तहाँ
 - 3. पर
 - 4. वहाँ

Q.15 नीचे दिए गए विकल्पों में से सटीक विशेषण शब्द चुनकर वाक्य पूर्ण कीजिए।
न्यायालय ने अपने निर्णय में स्पष्ट किया कि साक्ष्यों का _____ अभाव होने के कारण आरोपी को संदेह का लाभ दिया जाना चाहिए।

- Ans
- 1. नितांत
 - 2. पर्याप्त
 - 3. पूरा
 - 4. यथेष्ट

Q.1 निम्नलिखित में से अनेकार्थी शब्द 'तीर' का अर्थ क्या है?

- Ans
- 1. राक्षस
 - 2. किनारा
 - 3. बालक
 - 4. पर्वत

Q.2 'अंगरखा' का तत्सम शब्द क्या होगा?

- Ans
- 1. अक्षोट
 - 2. अंगरक्षक
 - 3. अक्षर
 - 4. अंगुष्ठ

Q.3 ऊँची दुकान फीका पकवान- लोकोक्ति का अर्थ क्या है?

- Ans
- 1. केवल बाहरी दिखावा
 - 2. बहुत ऊँचाई पर दुकान होना
 - 3. खराब खाना ऊँची दुकान पर मिलेगा
 - 4. अच्छा खाना ऊँची दुकान पर मिलेगा

Q.4 'रात्रि' का पर्यायवाची है -

- Ans
- 1. विभावरी
 - 2. सौदामनी
 - 3. प्रभा
 - 4. इला

Q.5 दिए गये तद्भव शब्द के लिए निम्नांकित विकल्पों में से उपयुक्त तत्सम शब्द का चयन करें-
अगम-

- Ans
- 1. अगम्य
 - 2. आगम्य
 - 3. आगाम्य
 - 4. अगम्या

Q.6 नीचे दिए गए वाक्य के किस भाग में वर्तनी संबंधी अशुद्धि है?
माता ने छाती से लगाकर आर्शीवाद दिया।

- Ans
- 1. छाती से लगाकर
 - 2. आर्शीवाद
 - 3. माता ने
 - 4. दिया।

Q.7 कौन-सा विकल्प 'सूर्य' का पर्यायवाची शब्द नहीं है?

- Ans
- 1. निशाचर
 - 2. दिनकर
 - 3. मार्तण्ड
 - 4. भास्कर

Q.8 निम्नलिखित में से एक 'दाता' का विलोम नहीं है-

- Ans
- 1. अधर्मी
 - 2. याचक
 - 3. कृपण
 - 4. भिक्षुक

Q.9 खर का अनेकार्थी शब्द कौन सा है?

- Ans
- 1. बच्चा
 - 2. फूल
 - 3. स्वामी
 - 4. गधा

Q.10 'अपने पाँव पर कुल्हाड़ी मारना' मुहावरे का उचित अर्थ है-

- Ans
- 1. संकट मोल लेना
 - 2. मतलबी होना
 - 3. पछताना
 - 4. चोट लगना

Q.11 दिये गये वाक्य के किस भाग में त्रुटि है?
देश की प्रगती में कृषि की बड़ी भूमिका है।

- Ans
- 1. बड़ी
 - 2. भूमिका
 - 3. प्रगती
 - 4. कृषि

Q.12 नीचे दिए गए वाक्य के किस भाग में वर्तनी संबंधी अशुद्धि है?
नदी में तरंगे उठ रही थीं।

- Ans
- 1. तरंगे
 - 2. उठ
 - 3. नदी में
 - 4. रही थीं।

Q.13 'आकाश' का पर्यायवाची है -

- Ans
- 1. दिवाकर
 - 2. व्योम
 - 3. गिरीश
 - 4. हिमांशु

Q.14 निम्न लोकोक्ति का सही अर्थ अंकित कीजिए।

अकेला चना भाड़ नहीं फोड़ सकता-

- Ans
- 1. एक व्यक्ति की मेहनत से बड़ा बदलाव आता है।
 - 2. अकेलेपन में बड़ी सफलता मिलती है।
 - 3. अकेला व्यक्ति कोई बड़ा काम नहीं कर सकता।
 - 4. अकेला व्यक्ति भी महान कार्य कर सकता है।

Q.15 नीचे दिए गए वाक्य के किस भाग में वर्तनी संबंधी अशुद्धि है?
तृभुज में तीन कोण होते हैं।

- Ans
- 1. तृभुज
 - 2. होते हैं।
 - 3. में तीन
 - 4. कोण

