



GOVT. OF NCT OF DELHI
Delhi Subordinate Services Selection Board
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Test Center Name	Aadarsh Pariksha Kendra CENTER A - Gate No 1 - Noida Sector 64
Test Date	24/02/2026
Test Time	5:00 PM - 7:00 PM
Subject	Multi Tasking Staff

Section : General intelligence and Reasoning Ability

Q.1 Six boxes F, G, H, I, Q and R are kept one over the other but not necessarily in the same order. Only two boxes are kept above F. Only two boxes are kept between F and R. Only three boxes are kept between R and G. I is kept at some place above F. Q is kept at one of the places above H. How many boxes are kept between H and I?

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

Q.2 In a certain code language, 'lights guide travelers' is coded as 'mk jv rt' and 'make him guide' is coded as 'as rt zf'. How is 'guide' coded in the given language? (All codes are two letter codes only).

- Ans
- 1. as
 - 2. jv
 - 3. rt
 - 4. mk

Q.3 Refer to the given series and answer the question that follows. (All numbers are single digit numbers only.) (Counting is to be done from left to right only.)

(Left) 6 1 2 1 5 7 5 9 7 9 1 2 6 1 9 2 2 2 8 5 2 2 9 1 6 9 3 (Right)

How many such odd numbers are there, each of which is immediately preceded by an odd number and also immediately followed by an odd number?

- Ans
- 1. 8
 - 2. 5
 - 3. 6
 - 4. 7

Q.4 In a certain code language, 'TAIL' is coded as '5376' and 'LATE' is coded as '2537'. What is the code for 'E' in the given code language?

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

Q.5 H is the daughter of I. I is the son of U. U is the husband of V. V is the mother of W. How is H related to W?

- Ans**
- 1. Sister's daughter
 - 2. Brother's daughter
 - 3. Mother's sister
 - 4. Mother

Q.6 Six boxes F, G, H, I, Q and R are kept one over the other but not necessarily in the same order. Only two boxes are kept below G. Only two boxes are kept between G and F. F is kept immediately above R. Q is kept at some place below H and at some place above I. How many boxes are kept between I and H?

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

Q.7 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: All plates are saucers. All saucers are cups.

Conclusion (I) : Some cups are saucers

Conclusion (II) : All plates are cups

- 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.8 M, N, O, P, Q, and R live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. O lives on an odd numbered floor but not on the lowermost floor. Only two people live between O and P. Only one person lives between P and M. N is immediately above M. Q is immediately above R, but Q does not live on the top floor. On which floor number does N live?

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

Q.9 Seven people J, K, L, M, P, Q and R are sitting in a straight line facing north. Only five people sit between L and Q. R sits to the immediate left of Q. Only two people sit between L and P. M sits at some place to the left of K, but at some place to the right of J. Who sits third from the left end of the line?178

- Ans**
- 1. J
 - 2. M
 - 3. K
 - 4. P

Q.10 Refer to the following series and answer the question (all numbers are single digit numbers only). Counting to be done from left to right.

(Left) 8 3 6 8 9 5 4 8 6 2 3 3 4 7 4 2 5 4 6 5 5 1 8 (Right)

How many such odd digits are there, each of which is immediately preceded by an odd digit and also immediately followed by an odd digit?

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

Q.11 The position(s) of how many letters will remain unchanged if each of the letters in the word ENVIRONMENT is arranged in reverse English alphabetical order?

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

Q.12 Neha ranked 14th from the top and 38th from the bottom in her class. How many students are there in the class?874

- Ans
- 1. 52
 - 2. 53
 - 3. 51
 - 4. 50

Q.13 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 : $W > X \leq Y > Z = D$

Conclusions:

I. $Y < W$

II. $D < Y$

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

Q.14 Refer to the following number, 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) ? < / 5 * 5 + 8 \ 1 + ? / + 3 @ 3 4 2 1 % (Right)

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

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

Q.15 Refer to the following number, symbol series and answer the question. Counting to be done from left to right only. (NOTE: All numbers are single digit numbers only)

(Left) 9 € # \$ # \$ 6 @ 9 # © 8 7 & 3 * © 4 9 \$ £ 4 (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a number? 6500

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

Q.16 Eight persons, Lata, Meena, Nayan, Om, Prakash, Qbal, Rohit and Shyam, are sitting around a circular table, facing the centre but not necessarily in the same order. They all are having a discussion on an important topic. Nayan is an immediate neighbour of both Lata and Rohit. Rohit is an immediate neighbour of Prakash. Prakash sits second to the left of Nayan. Only two persons sit between Prakash and Shyam. Meena is an immediate neighbour of Om. Only one person sits between Meena and Qbal. Which person is an immediate neighbour of Meena and Qbal? 4958

- Ans
- 1. Lata
 - 2. Nayan
 - 3. Om
 - 4. Shyam

Q.17 In this question, statement is followed by two conclusions, numbered I and II. Find out which conclusion(s) is/are true based on the given statements.

Statement : $W > X < Y < Z = D$

Conclusions:

I. $W < Y$

II. $D < W$

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

Q.18 In a certain code language,
'A # B' means 'A is the daughter of B',
'A \$ B' means 'A is the mother 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 F related to Z if 'F % T # O \$ Q & Z'?

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

Q.19 In a certain code language, 'queen strong chess' is coded as 'mh pa fo' and 'exercise muscle strong' is coded as 'pa ti ze'. How is 'strong' coded in the given language?

- Ans
- 1. ze
 - 2. ti
 - 3. pa
 - 4. fo

Q.20 Each vowel in the word CLINGER 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 will appear exactly twice in the new group of letters thus formed?

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

Section : General intelligence and Reasoning Ability1

Q.1 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying 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.)

(146, 52)
(89, 33)

- Ans
- 1. (120, 45)
 - 2. (46, 18)
 - 3. (60, 25)
 - 4. (83, 31)

Q.2 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 utensils are glasses. All utensils are cutleries.

Conclusion (I): Some glasses are cutleries

Conclusion (II): All cutleries are utensils

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

Q.3 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. MR - KP
 - 2. SX - RW
 - 3. CH - AF
 - 4. OT - MR

Q.4 BEAT is related to DGBU in a certain way based on the English alphabetical order. In the same way, STOP is related to UVPQ. To which of the following is LEND related, following the same logic?

- Ans
- 1. OGME
 - 2. NGOE
 - 3. MFMG
 - 4. MFOE

Q.5 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$41 - 15 \div 17 + 297 \times 11 + 18 - 93 = ?$$

- Ans
- 1. 344
 - 2. 350
 - 3. 322
 - 4. 332

Q.6 PS 13 is related to QR 20 in a certain way. In the same way, CF 41 is related to DE 48. To which of the following is VY 62 related, following the same logic?

- Ans
- 1. WX 69
 - 2. XZ 69
 - 3. UW 55
 - 4. UX 73

Q.7 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$316 - 31 \div 6 + 120 \times 12 - 180 = ?$$

- Ans
- 1. 548
 - 2. 564
 - 3. 672
 - 4. 588

Q.8 In the following triad, 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.

CITE - CIET - CTIE
PORE - POER - PROE

- Ans
- 1. FERN - RFEN - RENF
 - 2. VICE - ECIV - EVIC
 - 3. SUNK - SUKN - SNUK
 - 4. MYTH - TYMH - HTMY

Q.9 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. CAY
 - 2. ZYX
 - 3. HGF
 - 4. SRQ

Q.10 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)

(156, 13, 12)

(56, 7, 8)

- Ans
- 1. (60, 5, 4)
 - 2. (55, 50, 5)
 - 3. (66, 11, 6)
 - 4. (120, 60, 8)

Q.11 What will come in place of '?' in the following equation, if 'x' and '+' are interchanged and '7' and '9' are interchanged?

$7 \times 2 + 9 = ?$

- Ans
- 1. 23
 - 2. 21
 - 3. 25
 - 4. 19

Q.12 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1386534, what will be the sum of the digits which are second from the left and third from the right in the new number thus formed?

- Ans
- 1. 14
 - 2. 8
 - 3. 6
 - 4. 10

Q.13 What should come in place of '?' in the given series?
99 98 95 90 83 ?

- Ans
- 1. 73
 - 2. 78
 - 3. 74
 - 4. 76

Q.14 Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern.



Ans

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

Q.15 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).



Ans

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

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.)

(205, 5, 41)

(165, 15, 11)

Ans 1. (132, 13, 12)

2. (182, 12, 14)

3. (108, 8, 12)

4. (120, 15, 8)

Q.17 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)2585

Ans 1. LPVY

2. RVBF

3. GKQT

4. JNTW

Q.18 What should come in place of '?' in the given series?

3 6 18 72 ? 2160

Ans 1. 380

2. 340

3. 360

4. 350

Q.19 What should come in place of '?' in the given series?

50, 51, 55, 64, 80, 105, ?

Ans 1. 145

2. 151

3. 141

4. 135

Q.20 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?

8 B 2 D 24 A 6 C 4 = ?

Ans 1. 14

2. 12

3. 18

4. 16

Section : General Awareness

Q.1 What was the main method adopted by early Congress leaders (1885–1905) to press their demands before the British government?

- Ans
- 1. Armed struggle
 - 2. Revolutionary violence
 - 3. Boycott of British goods
 - 4. Petitions, prayers, and speeches

Q.2 In which year was Securities and Exchange Board of India (SEBI) officially formed in India?

- Ans
- 1. 1951
 - 2. 1992
 - 3. 1947
 - 4. 1950

Q.3 What was the immediate cause of the Revolt of 1857?

- Ans
- 1. Animal fat cartridges given to Indian soldiers
 - 2. High land revenue taxes
 - 3. The annexation of Awadh
 - 4. Denial of promotion to Indian soldiers

Q.4 Which of the following methods is used to measure the national income in India?

- Ans
- 1. A combination of all three methods is used
 - 2. Only the Income Method is used
 - 3. Only the Expenditure Method is used
 - 4. Only the Product Method is used

Q.5 Who among the following was a prominent leader of the Extremist group in the Indian National Congress?

- Ans
- 1. W.C. Bonnerjee
 - 2. Gopal Krishna Gokhale
 - 3. Lala Lajpat Rai
 - 4. Dadabhai Naoroji

Q.6 Who among the following has been appointed as the new Director General of Central Reserve Police Force in January 2025?

- Ans
- 1. Rajwinder Singh Bhatti
 - 2. Daljit Singh Chaudhary
 - 3. Gyanendra Pratap Singh
 - 4. Rahul Rasgotra

Q.7 What is the term for unemployment that occurs when people are employed less than their potential?

- Ans
- 1. Structural Unemployment
 - 2. Frictional Unemployment
 - 3. Underemployment
 - 4. Seasonal Unemployment

Q.8 Which team won the final of Tata WPL 2025?

- Ans
- 1. Royal Challengers Bengaluru (RCB)
 - 2. UP Warriors (UPW)
 - 3. Mumbai Indians (MI)
 - 4. Gujarat Giants (GG)

Q.9 What type of site designation did the "Maratha Military Landscapes of India" receive from UNESCO?

- Ans**
- 1. Biosphere Reserve
 - 2. World Heritage Site
 - 3. Global Geopark
 - 4. Creative City Network

Q.10 The first round of the MRF MMSC FMSCI Indian National Car Racing Championship 2025 was held in which of the following cities?

- Ans**
- 1. Coimbatore
 - 2. Noida
 - 3. Kolkata
 - 4. Pune

Q.11 At which place, in 1857, did Mangal Pandey attack his British commander and was later court-martialed?

- Ans**
- 1. Panihati
 - 2. Barrackpore
 - 3. Haldia
 - 4. Malda

Q.12 The UDAN scheme was conceptualised under the National Civil Aviation Policy (NCAP) 2016, Govt. of India, with a _____ vision, to connect Tier-2 and Tier-3 cities through a market-driven yet financially supported model.

- Ans**
- 1. 15-year
 - 2. 10-year
 - 3. 5-year
 - 4. 2-year

Q.13 Neeraj Chopra became the first Indian to throw over 90 m in an international meet, recording 90.23 m, at which event?

- Ans**
- 1. Indian Open
 - 2. Olympics Warm-up
 - 3. Neeraj Chopra Classic
 - 4. Doha Diamond League

Q.14 The savings per unit of income is abbreviated as APS. What is the full form of APS?

- Ans**
- 1. Accounted property to save
 - 2. Average property to save
 - 3. Average propensity to save
 - 4. Account propensity to save

Q.15 Which of the following missiles was successfully flight-tested by the Defence Research and Development Organisation (DRDO) and Indian Air Force (IAF) on 11 July 2025?

- Ans**
- 1. Nirbhay Long-Range Cruise Missile
 - 2. Prithvi-II Short Range Ballistic Missile
 - 3. Agni-V Intercontinental Ballistic Missile
 - 4. Astra Beyond Visual Range Air-to-Air Missile

Q.16 In July 2025, researchers at which Indian institute discovered that quantum noise may have beneficial effects under certain conditions?

- Ans**
- 1. Indian Institute of Technology, Delhi
 - 2. Indian Institute of Science (IISc)
 - 3. Raman Research Institute (RRI)
 - 4. Tata Institute of Fundamental Research (TIFR)

Q.17 In which Indian state is Puthandu primarily observed as the traditional New Year festival according to the solar calendar?

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

Q.18 Which of the following statements is true about the Government of India Act of 1858?

- Ans**
- 1. It ended British rule in India
 - 2. It centralised Indian governance under British Crown
 - 3. It gave more power to Indian princes
 - 4. It marked the beginning of Company rule

Q.19 Who was elected unopposed to the Rajya Sabha from Assam as the AGP (Asom Gana Parishad) candidate in June 2025?

- Ans**
- 1. Ranjan Das
 - 2. Siraj Uddin Ajmal
 - 3. Kanad Purkayastha
 - 4. Birendra Prasad Baishya

Q.20 Which category of workers is most likely to be affected by seasonal unemployment in India?

- Ans**
- 1. Farm laborers
 - 2. IT professionals
 - 3. Construction engineers
 - 4. Chartered accountants

Section : **General Awareness1**

Q.1 Which of the following cities houses the Bharat Mandapam, India's largest convention and exhibition centre?

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

Q.2 The constitutional provision that prohibits conviction or punishment for an act that was not an offence at the time it was committed, thereby preventing retrospective criminal liability, is contained in which Article of the Indian Constitution?

- Ans**
- 1. Article 19(1)(a)
 - 2. Article 20(1)
 - 3. Article 22
 - 4. Article 21

Q.3 Which of the following does NOT belong to the Dravidian language family?

- Ans
- 1. Toda
 - 2. Tulu
 - 3. Lahnda
 - 4. Telugu

Q.4 As per the Census 2011, which of the following union territories has the highest percentage of the Muslim population out of the total population of the union territory?

- Ans
- 1. Lakshadweep
 - 2. Andaman and Nicobar Islands
 - 3. National Capital Territory of Delhi
 - 4. UT of Dadra and Nagar Haveli and Daman and Diu

Q.5 The Nilgiri Hills lie at the junction of which two major hill ranges?

- Ans
- 1. Vindhya and Aravalli
 - 2. Dhauladhar and Pir Panjal
 - 3. Eastern and Western Ghats
 - 4. Karakoram and Zaskar

Q.6 In sexually reproducing individuals, each trait is determined by two copies of a gene. If these copies differ, what is the term used for the trait that is expressed?

- Ans
- 1. Dominant trait
 - 2. Recessive trait
 - 3. Co-dominant trait
 - 4. Inherited trait

Q.7 The enzyme salivary amylase is secreted from:

- Ans
- 1. Mouth
 - 2. Small Intestine
 - 3. Liver
 - 4. Stomach

Q.8 Chapchar Kut, one of the oldest and most significant festivals, is celebrated in which Indian state?

- Ans
- 1. Meghalaya
 - 2. Manipur
 - 3. Mizoram
 - 4. Nagaland

Q.9 Which of the following statements is true about plasmids?

- Ans
- 1. Plasmids are RNA fragments.
 - 2. Plasmids are DNA fragments and found in bacteria.
 - 3. Plasmids are found in mammalian cells.
 - 4. Plasmids are DNA fragments and found in fungi.

Q.10 Which of the following advises the President of India in the exercise of its functions?

- Ans
- 1. The Prime Minister and The Union Council of Ministers
 - 2. Prime Minister and Chief Justice of India
 - 3. Cabinet Secretariat and Rajya Sabha
 - 4. Prime Minister and Speaker of Lok Sabha

Q.11 Which of the following is INCORRECTLY paired?

- Ans**
- 1. Dhamek Stupa – Uttar Pradesh
 - 2. Kesaria Stupa – Maharashtra
 - 3. Amaravati Stupa – Andhra Pradesh
 - 4. Sanchi Stupa – Madhya Pradesh

Q.12 Which of the following sites features one of the earliest examples of a rock-cut chaitya hall?

- Ans**
- 1. Kanheri
 - 2. Ellora
 - 3. Karla
 - 4. Ajanta

Q.13 Which of the following pairs is correctly matched?

- Ans**
- 1. Article 19 – Protection of Life and Personal Liberty
 - 2. Article 14 – Freedom of Speech
 - 3. Article 25 – Freedom of Religion
 - 4. Article 21 – Right to Equality

Q.14 Zila Parishad occupies apex position as which tier in the Panchayati Raj System in India?

- Ans**
- 1. It is the second tier
 - 2. It is the fifth tier
 - 3. It is the fourth tier
 - 4. It is the third tier

Q.15 Which compound do shaving soaps contain to prevent rapid drying?

- Ans**
- 1. Sodium hydroxide
 - 2. Glycerol
 - 3. Potassium hydroxide
 - 4. Sodium benzoate

Q.16 Who acts as the chief legal advisor to the Government of India?

- Ans**
- 1. Attorney General of India
 - 2. Law Minister
 - 3. Chief Justice of India
 - 4. Solicitor General

Q.17 What is the primary function of the red blood cells (erythrocytes) in the human body?

- Ans**
- 1. Fighting infections
 - 2. Producing antibodies
 - 3. Carrying oxygen
 - 4. Blood clotting

Q.18 Which of the following monuments is regarded as an example of the robustness of Afghan structures?

- Ans**
- 1. Taj Mahal
 - 2. Qibla Liwan
 - 3. Hoshang Shah's tomb
 - 4. Najaf Khan's Tomb

Q.19 Manufacturing industries in India primarily belong to which of the following sectors?

- Ans
- 1. Quaternary
 - 2. Secondary
 - 3. Tertiary
 - 4. Primary

Q.20 The Deccan Plateau is largely composed of which of the following?

- Ans
- 1. Sandstone
 - 2. Basaltic lava
 - 3. Alluvial soil
 - 4. Granite only

Section : Arithmetical and Numerical Ability

Q.1 A vendor buys 500 oranges at a price of ₹3 per orange. He sells 300 of these oranges at ₹6 each but is forced to sell the remaining 200 at ₹1.50 each due to spoilage. Determine the overall profit percentage.

- Ans
- 1. 42%
 - 2. 38%
 - 3. 40%
 - 4. 36%

Q.2 The salary of a man is first increased by 15% and then decreased by 20%. If his original salary was ₹ 40,000, find his final salary.

- Ans
- 1. ₹ 36,100
 - 2. ₹ 37,500
 - 3. ₹ 35,400
 - 4. ₹ 36,800

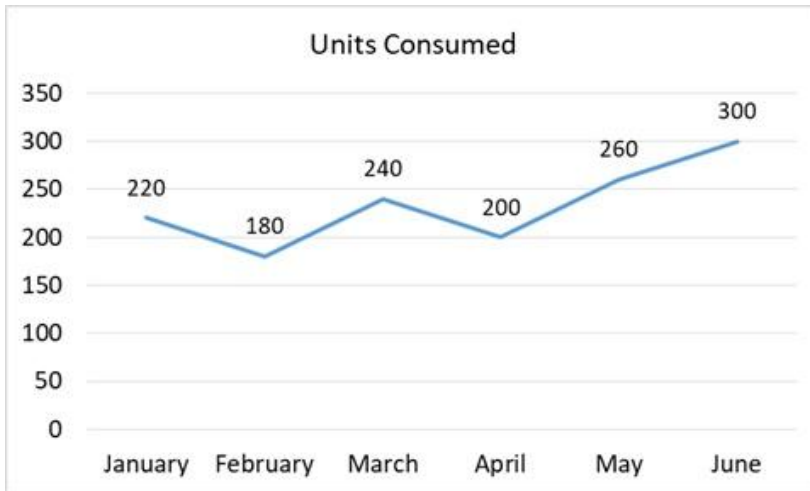
Q.3 Simplify: $\frac{15}{2} - \left[\frac{9}{4} + \left\{ 1\frac{1}{4} - \frac{1}{2} \left(1\frac{1}{2} - \frac{1}{3} - \frac{1}{6} \right) \right\} \right]$

- Ans
- 1. $5\frac{1}{2}$
 - 2. $\frac{2}{9}$
 - 3. $7\frac{1}{2}$
 - 4. $4\frac{1}{2}$

Q.4 A principal of ₹6,500, after 2 years compounded annually, the rate of interest being 8% per annum during the first year and 15% per annum during the second year, will amount to:

- Ans
- 1. ₹7,995
 - 2. ₹8,073
 - 3. ₹8,253
 - 4. ₹8,145

Q.5 The following line graph shows the monthly electricity consumption (in units) of a household from January to June.



If each unit costs ₹6, then what is the total combined bill for April and May?

- Ans
- 1. ₹3,360
 - 2. ₹2,460
 - 3. ₹3,060
 - 4. ₹2,760

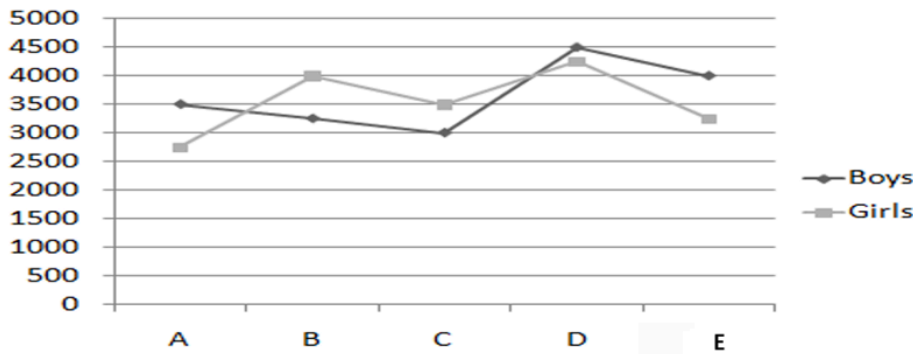
Q.6 Simplify: $1.2 + \frac{3}{5} - 0.4$

- Ans
- 1. 1.4
 - 2. 1.6
 - 3. 2.0
 - 4. 1.0

Q.7 Nidhi went to the market to buy markers. The cost of 7 markers is ₹420. Find the cost (in ₹) of 5 such markers bought by Nidhi.

- Ans
- 1. 225
 - 2. 300
 - 3. 275
 - 4. 250

- Q.8 The graph below shows the the number of boys and girls who enrolled in computer science branch in five colleges i.e. A, B, C, D and E. Assume all numbers are multiple of 250. Study the graph and answer the question.



Find the ratio of total number of boys from colleges B and C to the total number of girls from colleges C and D.

- Ans
- 1. 31 : 25
 - 2. 25 : 31
 - 3. 20 : 23
 - 4. 23 : 20

- Q.9 The price of an item is first increased by 10% and then reduced by 5%. What is the net percentage change in the price of the item due to both changes?

- Ans
- 1. 5% increase
 - 2. 4.5% increase
 - 3. 4.75% decrease
 - 4. 5.5% decrease

- Q.10 A vendor sells 24 chocolates for one rupee and makes a profit of 50%. How many chocolates did he originally purchase for one rupee?

- Ans
- 1. 38
 - 2. 40
 - 3. 36
 - 4. 42

- Q.11 The length of a rectangle is increased by 25% and its breadth is decreased by 20%. What is the net percentage change in its area?

- Ans
- 1. 5% increase
 - 2. 5% decrease
 - 3. 2.5% increase
 - 4. No change

- Q.12 Simplify: $5 - 4 \times \left[6 \div \{ 3 - (5 - 8) \} + 2 \text{ of } \left\{ 4 - \frac{5}{2} \right\} \right]$

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

Q.13 The price of a car is ₹5,00,000. The value of the car depreciates by 10% at the end of the first year and after that it depreciates by 20% every year. What will be the price of the car after 3 years?

- Ans
- 1. ₹3,60,000
 - 2. ₹2,88,000
 - 3. ₹3,90,000
 - 4. ₹4,10,000

Q.14 In what ratio must a grocer mix two varieties of rice costing him ₹75 and ₹65 per kg so as to get a mixture worth ₹68 per kg?

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

Q.15 The average age of 6 men is 42 years. The average age of 6 women is 40 years. The average age of their 6 children is 14 years. What is the average age (in years) of the family?

- Ans
- 1. 36
 - 2. 34
 - 3. 38
 - 4. 32

Q.16 In what duration (in years) will ₹3,600 fetch a simple interest of ₹1,080 at 6% per annum rate of interest?

- Ans
- 1. 10
 - 2. 6
 - 3. 4
 - 4. 5

Q.17 A student's marks were incorrectly entered as 31 instead of 58. Due to this, the class average got decreased by $\frac{9}{7}$. What is the number of students in the class?

- Ans
- 1. 27
 - 2. 28
 - 3. 20
 - 4. 21

Q.18 Navjot deposited a sum of ₹73,450 at 20% rate of interest per annum, compounded annually. The total amount received by Navjot after 2 years is:

- Ans
- 1. ₹1,05,704
 - 2. ₹1,05,615
 - 3. ₹1,05,768
 - 4. ₹1,05,763

Q.19 A person who spends 80% of his monthly income is able to save ₹3,954 per month. His monthly expenses (in ₹) are:

- Ans
- 1. 15,772
 - 2. 15,816
 - 3. 15,840
 - 4. 15,776

Q.20 A shopkeeper mixes three types of wheat flour A, B and C in the ratio $x : 5 : 4x$ and sells the mixed flour at ₹ 66 per kg, thereby earning a 10% profit. The costs of types A, B and C flour are ₹70, ₹62 and ₹ 56.25 per kg, respectively. Find the quantity (in kg) of type B flour mixed if 16 kg of type C flour is mixed.

- Ans
- 1. 20
 - 2. 12
 - 3. 8
 - 4. 10

Section : Arithmetical and Numerical Ability1

Q.1 Pipe A can fill a water tank in 12 hours, and pipe B can empty it in 20 hours. If both are opened together, in how much time will the tank be filled (in hours)?

- Ans
- 1. 30
 - 2. 28
 - 3. 27
 - 4. 25

Q.2 If 8 men or 12 women can build a wall in 10 days, how many days will 8 men and 12 women take to do this work?

- Ans
- 1. 5 days
 - 2. 1 days
 - 3. 6 days
 - 4. 10 days

Q.3 Find the total surface area of a cylindrical vessel whose radius is 5.6 cm and height is 8 cm. (Use $\pi = 22/7$.)

- Ans
- 1. 478.72 cm²
 - 2. 475 cm²
 - 3. 480.5 cm²
 - 4. 478 cm²

Q.4 By selling an article at $\frac{2}{5}$ of its original list price, Aman incurs a loss of 40%. If he sells it at 78% of its original list price, then the profit percentage is

- Ans
- 1. 44.3%
 - 2. 44.2%
 - 3. 44.9%
 - 4. 46.7%

Q.5 Find the surface area of a sphere whose diameter is 26.6 m.

$$\left(\text{Use } \pi = \frac{22}{7} \right)$$

- Ans
- 1. 2332.76 m²
 - 2. 2321.76 m²
 - 3. 2322.76 m²
 - 4. 2223.76 m²

Q.6 Three friends A, B, and C invest in a business. A invests ₹60,000 for 10 months, B invests ₹75,000 for 8 months, and C joins later with ₹90,000 for a certain number of months. At the end of the venture, A's portion of the profit amounts to one-fourth of the total earnings. For what duration did C invest?

- Ans
- 1. $13\frac{2}{3}$ months
 - 2. $12\frac{1}{3}$ months
 - 3. $13\frac{1}{3}$ months
 - 4. $12\frac{2}{3}$ months

Q.7 A man travels from Lonavala to Talegaon at 40 km/hr for 80 minutes, and from Talegaon to Pune at 50 km/hr for 240 minutes. Find the average speed for the entire journey.

- Ans
- 1. 43.5 km/hr
 - 2. 45.5 km/hr
 - 3. 42.5 km/hr
 - 4. 47.5 km/hr

Q.8 The sides of a triangle are 26 cm, 28 cm, and 30 cm. Find the area of the triangle.

- Ans
- 1. 336 cm²
 - 2. 342 cm²
 - 3. 362 cm²
 - 4. 316 cm²

Q.9 By selling an article at $\frac{3}{10}$ of its original list price, Akash incurs a loss

If he sells it at 69% of its original list price, then the profit percentage is

- Ans
- 1. 86.2%
 - 2. 89.7%
 - 3. 86.3%
 - 4. 87.3%

Q.10 Two trains of lengths 250 m and 150 m run on parallel tracks. When they travel in opposite directions they completely cross each other in 12 seconds. When they travel in the same direction (the faster one overtakes the slower), they completely cross each other in 30 seconds. What is the speed of the faster train (in km/h)?

- Ans
- 1. 80 km/h
 - 2. 78 km/h
 - 3. 90 km/h
 - 4. 84 km/h

Q.11 A jacket has marked price ₹ 2400. It is sold with two successive discounts: first 10% and then x%. If the jacket is sold for ₹ 1728, find x.

- Ans
- 1. 18.5
 - 2. 17.5
 - 3. 15
 - 4. 20

Q.12 Aman and Babu are partners in a business. At the beginning of the year, Aman invested ₹80,000 and Babu invested ₹40,000. During the year, Aman withdrew ₹20,000 from his capital after 6 months. The total profit for the year is ₹66,000. What will be the profit share of Aman at the end of the year?⁵⁴³⁷

- Ans
- 1. ₹36,000
 - 2. ₹35,000
 - 3. ₹38,000
 - 4. ₹42,000

Q.13 Pipe A can fill a tank in 5 hours, Pipe B can fill it in 6 hours, but Pipe C can empty it in 3 hours. If all three pipes are opened together, how long will it take to fill the tank?

- Ans
- 1. 40 hours
 - 2. 25 hours
 - 3. 20 hours
 - 4. 30 hours

Q.14 A and B together can complete a task in 12 days, B and C together can complete it in 20 days. If A, B and C work together, how long will they take to complete the task?

- Ans
- 1. 9
 - 2. 8
 - 3. 10
 - 4. 5

Q.15 If 8, 12, and 20 are three numbers, find the fourth proportional to them.

- Ans
- 1. 20
 - 2. 10
 - 3. 30
 - 4. 50

Q.16 Two trains moving towards each other at speeds 60 km/h and 40 km/h are 200 km apart. After how much time will they meet?

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

Q.17 A train 120 m long running at 60 km/h crosses a platform 180 m long. How much time does it take to cross the platform?

- Ans
- 1. 15 seconds
 - 2. 16 seconds
 - 3. 8 seconds
 - 4. 18 seconds

Q.18 If three numbers are in the ratio 2:3:5 and their sum is 200, then find the largest number.

- Ans
- 1. 40
 - 2. 60
 - 3. 20
 - 4. 80

Q.19 Find the difference between a single discount of 38% and two successive discounts of 32% and 6% on a bill of ₹1,200.

- Ans
- 1. ₹25.04
 - 2. ₹23.04
 - 3. ₹21.04
 - 4. ₹27.04

Q.20 A cuboid has dimensions 14 cm (length), 12 cm (breadth), and 10 cm (height). Its lateral faces formed by the length and height are painted blue, while the lateral faces formed by the breadth and height are painted green. Remaining lateral faces are not painted. If the cost of green paint is ₹50 per cm² and the cost of blue paint is ₹40 per cm², then which color incurs a higher total cost and by how much?

- Ans
- 1. Green, ₹800
 - 2. Green, ₹600
 - 3. Blue, ₹600
 - 4. Blue, ₹800

Section : Test of English Language and Comprehension

Q.1 Identify the sentence with the correct usage of preposition.

- Ans
- 1. He dealt to the problem.
 - 2. He dealt for the problem.
 - 3. He dealt with the problem.
 - 4. He dealt in the problem.

Q.2 Choose the most appropriate verb from the given options to complete the sentence.

Asha is _____ madly after the ball in the park.

- Ans
- 1. running
 - 2. run
 - 3. ran
 - 4. runs

Q.3 The parts of a sentence have been jumbled and labeled A, B, C, and D. Choose the option that correctly rearranges these parts into a meaningful and grammatically correct sentence.

- (A) despite living miles apart,
- (B) and always supported
- (C) the siblings had a strong sense of kinship
- (D) each other in times of need

- Ans
- 1. ADBC
 - 2. ABDC
 - 3. ACBD
 - 4. ABCD

Q.4 Select the option that rectifies the highlighted part of the given sentence.

I was shocked by how much calm he reacted to the news.

- Ans
- 1. calmly
 - 2. more calm
 - 3. calming
 - 4. most calmly

Q.5 Choose the correct preposition to complete the sentence.

Divide these apples _____ you and me.

- Ans
- 1. at
 - 2. before
 - 3. on
 - 4. between

Q.6 Complete the sentence with an appropriate article:

Her dissertation offered _____ unique perspective on the cultural impacts of globalization.

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

Q.7 Choose the most appropriate option that fits grammatically and contextually.

One of _____ cheapest ways to send money to someone is through the post office.

2345

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

Q.8 Identify the error in the given sentence and select the best correction. If no correction is needed, select 'No correction required'.

The experiment was conducted cautiously to avoid errors.

- Ans
- 1. The experiment cautiously was conducted to avoid errors.
 - 2. No correction required
 - 3. The experiment was conducted cautious to avoid errors.
 - 4. The experiment was conducted to avoid cautiously errors.

Q.9 Select the most appropriate option to fill in the blank.

They completed the task _____ and carefully.

- Ans
- 1. fastly
 - 2. quick
 - 3. quickly
 - 4. faster

Q.10 Rectify the following sentence by selecting the option that can correct the word highlighted in bold.

The cake was **tasteless** and everyone enjoyed it.1859

- Ans
- 1. delicious
 - 2. bitter
 - 3. flavourless
 - 4. bland

Q.11 Complete the sentence with the most appropriate option.

The panel of judges deliberated for hours _____ reaching a unanimous decision, taking into account every nuanced detail.

- Ans
- 1. against
 - 2. until
 - 3. without
 - 4. onto

Q.12 Select the most appropriate option to fill in the blank.

In the presence of the principal of the college, the event was sure to be ___ one-man show.

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

Q.13 Rearrange all the segments to form a coherent statement.

to understand the phenomenon (A) / theoretical models (B) / were developed (C) / and tested empirically (D)

- Ans
- 1. ABCD
 - 2. ACDB
 - 3. BCDA
 - 4. CABD

Q.14 Fill in the blank with the correct article:

She wants to buy ___ book from the store.

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

Q.15 Select the most appropriate option to rectify the given sentence.

We are responsible of ensuring compliance with safety regulations.

- Ans
- 1. We are responsible to ensuring compliance with safety regulations.
 - 2. We are responsible in ensuring compliance with safety regulations.
 - 3. We are responsible by ensuring compliance with safety regulations.
 - 4. We are responsible for ensuring compliance with safety regulations.

Comprehension:

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

In an age dominated by instant messaging and rapid-fire emails, the art of handwritten letter writing is slowly fading into obscurity. Once a cherished form of personal and thoughtful communication, letters carried the weight of emotion, deliberate word choice, and the quiet rhythm of reflection. A handwritten note could evoke intimacy and nostalgia, standing as a testament to the time and effort invested by the sender. Unlike fleeting digital messages, letters had a sense of permanence—they could be re-read, preserved, and even treasured across generations. This tangible form of expression also cultivated patience, both in writing and receiving. Today, while efficiency has overtaken elegance, the decline of letter writing represents more than just technological advancement—it signals a subtle shift in how we value depth, time, and emotional investment. In losing the habit of writing letters, are we also losing something of ourselves?

SubQuestion No : 16

Q.16 What emotional effect could a handwritten note evoke, according to the passage?

Comprehension:

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

In an age dominated by instant messaging and rapid-fire emails, the art of handwritten letter writing is slowly fading into obscurity. Once a cherished form of personal and thoughtful communication, letters carried the weight of emotion, deliberate word choice, and the quiet rhythm of reflection. A handwritten note could evoke intimacy and nostalgia, standing as a testament to the time and effort invested by the sender. Unlike fleeting digital messages, letters had a sense of permanence—they could be re-read, preserved, and even treasured across generations. This tangible form of expression also cultivated patience, both in writing and receiving. Today, while efficiency has overtaken elegance, the decline of letter writing represents more than just technological advancement—it signals a subtle shift in how we value depth, time, and emotional investment. In losing the habit of writing letters, are we also losing something of ourselves?

SubQuestion No : 17

Q.17 What is the central idea conveyed in the passage?

Comprehension:

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

In an age dominated by instant messaging and rapid-fire emails, the art of handwritten letter writing is slowly fading into obscurity. Once a cherished form of personal and thoughtful communication, letters carried the weight of emotion, deliberate word choice, and the quiet rhythm of reflection. A handwritten note could evoke intimacy and nostalgia, standing as a testament to the time and effort invested by the sender. Unlike fleeting digital messages, letters had a sense of permanence—they could be re-read, preserved, and even treasured across generations. This tangible form of expression also cultivated patience, both in writing and receiving. Today, while efficiency has overtaken elegance, the decline of letter writing represents more than just technological advancement—it signals a subtle shift in how we value depth, time, and emotional investment. In losing the habit of writing letters, are we also losing something of ourselves?

SubQuestion No : 18

Q.18 What is the structure of the passage?

Comprehension:

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

In an age dominated by instant messaging and rapid-fire emails, the art of handwritten letter writing is slowly fading into obscurity. Once a cherished form of personal and thoughtful communication, letters carried the weight of emotion, deliberate word choice, and the quiet rhythm of reflection. A handwritten note could evoke intimacy and nostalgia, standing as a testament to the time and effort invested by the sender. Unlike fleeting digital messages, letters had a sense of permanence—they could be re-read, preserved, and even treasured across generations. This tangible form of expression also cultivated patience, both in writing and receiving. Today, while efficiency has overtaken elegance, the decline of letter writing represents more than just technological advancement—it signals a subtle shift in how we value depth, time, and emotional investment. In losing the habit of writing letters, are we also losing something of ourselves?

SubQuestion No : 19

Q.19 Which of the following best connects the passage to real-life situations?

Comprehension:

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

In an age dominated by instant messaging and rapid-fire emails, the art of handwritten letter writing is slowly fading into obscurity. Once a cherished form of personal and thoughtful communication, letters carried the weight of emotion, deliberate word choice, and the quiet rhythm of reflection. A handwritten note could evoke intimacy and nostalgia, standing as a testament to the time and effort invested by the sender. Unlike fleeting digital messages, letters had a sense of permanence—they could be re-read, preserved, and even treasured across generations. This tangible form of expression also cultivated patience, both in writing and receiving. Today, while efficiency has overtaken elegance, the decline of letter writing represents more than just technological advancement—it signals a subtle shift in how we value depth, time, and emotional investment. In losing the habit of writing letters, are we also losing something of ourselves?

SubQuestion No : 20

Q.20 Choose the word that is opposite in meaning to the word "obscurity" as used in the passage.

Q.1 Choose the correct spelling to replace the underlined word in the given sentence.

The author's new book offers a unique perspeticve on modern society.

- Ans
- 1. perspecktive
 - 2. perspeticve
 - 3. perspective
 - 4. perspeticive

Q.2 Choose the option that best expresses the meaning of the proverb 'where there's smoke, there's fire'.

- Ans
- 1. If there are signs or indications of a problem or issue, there is likely a real problem or issue present.
 - 2. Smoke is unrelated to presence of fire, so it could be very misleading,
 - 3. Fire can exist without any visible smoke; hence, one needs to be ever cautious.
 - 4. Smoke indicates absence of fire, so there is no reason to fear it.

Q.3 Select the most appropriate antonym of 'gorgeous'.

- Ans
- 1. charm
 - 2. plain
 - 3. plenty
 - 4. beauty

Q.4 Choose the correct option that best expresses the meaning of the given proverb.

Keep your mouth shut and your eyes open

- Ans
- 1. Listening more and talking more leads to greater knowledge.
 - 2. Observe carefully and speak less to stay wise and safe.
 - 3. Staying silent in public often shows weakness.
 - 4. One should speak up boldly when observing something wrong.

Q.5 Select the most appropriate ANTONYM of the given word.

Gregarious

- Ans
- 1. Altruistic
 - 2. Introvert
 - 3. Sociable
 - 4. Extrovert

Q.6 Select the appropriate term (one word) for the given expression.

The usually aboveground nest of bees

- Ans
- 1. den
 - 2. burrow
 - 3. hive
 - 4. abode

Q.7 Select the option which provides the correct meaning of the given proverb.

Never judge a book by its cover.

- Ans
- 1. Don't form opinions based on appearances.
 - 2. Things that look valuable or attractive on the surface will be genuinely so.
 - 3. Believe only whatever is visible to the eye.
 - 4. Addressing a problem early on can prevent it from becoming much larger and more difficult to fix later.

Q.8

The parts of a sentence have been jumbled and labeled A, B, C, and D. Choose the option that correctly rearranges these parts into a meaningful and grammatically correct sentence.

- (A) driven more by chance than by strategy
- (B) in a haphazard fashion, with unpredictable trends,
- (C) the music business often operates
- (D) sudden changes in popularity, and decisions

- Ans
- 1. ABCD
 - 2. CBDA
 - 3. BDAC
 - 4. DBCA

Q.9 Select the most appropriate ANTONYM of the given word.

Eloquent⁵²

- Ans
- 1. Inarticulate
 - 2. Solvent
 - 3. Poised
 - 4. Fluent

Q.10 Choose the correct spelling of the underlined word in the given sentence.

The commitee will reconvene next Wednesday to finalise the agenda.

- Ans
- 1. commetee
 - 2. committee
 - 3. commity
 - 4. comitee

Q.11 Select the option that can be used as a one-word substitute for the given group of words.

A long narrative poem in elevated style recounting the deeds of a legendary or historical hero.

1493

- Ans
- 1. Epic
 - 2. Legend
 - 3. Ballad
 - 4. Lyric

Q.12 Select the option that can be used as a one-word substitute for the given group of words.

Someone who has beliefs that are against the principles of a particular religion

- Ans
- 1. Proselyte
 - 2. Deist
 - 3. Heretic
 - 4. Atheist

Q.13 Select the most appropriate antonym of the word "tangible."

- Ans
- 1. True
 - 2. Imaginary
 - 3. Real
 - 4. Normal

Q.14 What is the meaning of the proverb 'Actions speak louder than words'?

- Ans
- 1. Speaking loudly makes people listen to you more.
 - 2. It is better to remain silent than to speak.
 - 3. You should always talk before you act.
 - 4. What you do shows your true intentions more than what you say.

Q.15 Select the most appropriate one-word substitute for the underlined segment in the sentence given below.

The artist's work was characterized by the use of vivid colors and imaginative designs.

- Ans
- 1. bluntness
 - 2. monotony
 - 3. vibrancy
 - 4. dullness

Comprehension:

Read the given passage and answer questions that follow.

Have you ever played with your shadow on a sunny day? It's one of the most interesting things around us! A shadow is made when something blocks the light. When you stand in sunlight, your body blocks the light and makes a dark shape on the ground. That's your shadow! What makes it so fun is how it moves with you. Try jumping—your shadow jumps too! Wave your hand, and your shadow waves back. But shadows can be sneaky too. In the morning, they are long. At noon, they become short. In the evening, they stretch again. Some children make shadow puppets using a torch and their hands. You can make birds, dogs, and even dragons! Shadows are like silent friends who copy everything you do. Isn't that fun and amazing? Next time you go outside, don't forget to say hello to your shadow!

SubQuestion No : 16

Q.16 What creates a shadow?

Comprehension:

Read the given passage and answer questions that follow.

Have you ever played with your shadow on a sunny day? It's one of the most interesting things around us! A shadow is made when something blocks the light. When you stand in sunlight, your body blocks the light and makes a dark shape on the ground. That's your shadow! What makes it so fun is how it moves with you. Try jumping—your shadow jumps too! Wave your hand, and your shadow waves back. But shadows can be sneaky too. In the morning, they are long. At noon, they become short. In the evening, they stretch again. Some children make shadow puppets using a torch and their hands. You can make birds, dogs, and even dragons! Shadows are like silent friends who copy everything you do. Isn't that fun and amazing? Next time you go outside, don't forget to say hello to your shadow!

SubQuestion No : 17

Q.17 What happens to your shadow when you wave your hand?

Comprehension:

Read the given passage and answer questions that follow.

Have you ever played with your shadow on a sunny day? It's one of the most interesting things around us! A shadow is made when something blocks the light. When you stand in sunlight, your body blocks the light and makes a dark shape on the ground. That's your shadow! What makes it so fun is how it moves with you. Try jumping—your shadow jumps too! Wave your hand, and your shadow waves back. But shadows can be sneaky too. In the morning, they are long. At noon, they become short. In the evening, they stretch again. Some children make shadow puppets using a torch and their hands. You can make birds, dogs, and even dragons! Shadows are like silent friends who copy everything you do. Isn't that fun and amazing? Next time you go outside, don't forget to say hello to your shadow!

SubQuestion No : 18

Q.18 Why does the passage call shadows 'silent friends'?

Comprehension:

Read the given passage and answer questions that follow.

Have you ever played with your shadow on a sunny day? It's one of the most interesting things around us! A shadow is made when something blocks the light. When you stand in sunlight, your body blocks the light and makes a dark shape on the ground. That's your shadow! What makes it so fun is how it moves with you. Try jumping—your shadow jumps too! Wave your hand, and your shadow waves back. But shadows can be sneaky too. In the morning, they are long. At noon, they become short. In the evening, they stretch again. Some children make shadow puppets using a torch and their hands. You can make birds, dogs, and even dragons! Shadows are like silent friends who copy everything you do. Isn't that fun and amazing? Next time you go outside, don't forget to say hello to your shadow!

SubQuestion No : 19

Q.19 Choose the word that is most opposite in meaning to the word 'sneaky' as used in the passage.

Comprehension:

Read the given passage and answer questions that follow.

Have you ever played with your shadow on a sunny day? It's one of the most interesting things around us! A shadow is made when something blocks the light. When you stand in sunlight, your body blocks the light and makes a dark shape on the ground. That's your shadow! What makes it so fun is how it moves with you. Try jumping—your shadow jumps too! Wave your hand, and your shadow waves back. But shadows can be sneaky too. In the morning, they are long. At noon, they become short. In the evening, they stretch again. Some children make shadow puppets using a torch and their hands. You can make birds, dogs, and even dragons! Shadows are like silent friends who copy everything you do. Isn't that fun and amazing? Next time you go outside, don't forget to say hello to your shadow!

SubQuestion No : 20

Q.20 What would be the most suitable title for the passage?

Section : Test of Hindi Language and Comprehension

Q.1 निम्नलिखित वाक्य के रिक्त स्थान की पूर्ति अनिश्चित संख्यबोधक विशेषण से कीजिए।
____ छात्र परीक्षा में बहुत अच्छे अंक लाए।

- Ans**
- 1. वह
 - 2. मेरे
 - 3. दस
 - 4. कुछ

Q.2 निम्नलिखित विकल्पों में से एक भिन्न (अतिरिक्त) वाक्य का चयन करें।

- Ans**
- 1. सीमा यानी शायर कई बार अपना संपूर्ण कथ्य या विचार एक निश्चित बहर के दो मिसरों (पंक्तियों) में व्यक्त नहीं कर पाता।
 - 2. रवायती शायरी के दौर में जब इश्क मुख्य विषय था, तब अभिव्यक्ति की इतनी जटिलताएँ नहीं थीं।
 - 3. संस्कृत नाटकों के शिल्प में अर्थ प्रकृतियों, कार्यावस्थाओं और संधियों के महत्व का प्रतिपादन किया गया था।
 - 4. जो व्यक्त होता है, बेशक, प्रबल भावना के साथ होता है, लेकिन कहीं कुछ छूट भी जाता है।

Q.3 निम्नलिखित वाक्य के रिक्त स्थान में उपयुक्त विशेषण की पूर्ति कीजिए-
'अपराधी को पकड़ने में पुलिस का साहस वास्तव में _____ था।'

- Ans**
- 1. कायर
 - 2. दीन
 - 3. मंद
 - 4. प्रशंसनीय

Q.4 दिए गए वाक्य को उचित क्रम में लिखें -

1. चल रहे माहौल की खुशी-गम
2. अद्भुत शक्ति होती है
3. कुत्तों में अपने आस-पास में
4. को पहचानने की

Ans 1. 3,1,4,2

2. 1,2,3,4

3. 4,3,2,1

4. 2,4,3,1

Q.5 दिये गये वाक्य का रिक्त स्थान सर्वोचित कारक चिह्न से पूर्ण करें--
कल हम सब मिलकर एक नई योजना काम करेंगे।

Ans 1. में

2. पर

3. को

4. द्वारा

Q.6 निम्नलिखित वाक्य के रिक्त स्थान में क्रिया-विशेषण शब्द का प्रयोग करें -
'आज मंदिर में भीड़ बेकाबू हो गयी।'

Ans 1. अचानक

2. बेशक

3. परस्पर

4. बार-बार

Q.7 नीचे दिए गए प्रश्न में, AE अंकित पांच कथन हैं। एक को छोड़कर सभी कथन एक ही संदर्भ से संबंधित हैं। दिए गए विकल्पों में से बेजोड़ को ढूंढें और सही उत्तर को चिह्नित करें।

(A) पंचगव्य भारतीय प्राचीन चिकित्सा में एक औषधि है।

(B) कला इतिहास में मंदिर का योगदान विशिष्ट है।

(C) पूजन-स्थल के रूप में मंदिरों का इतिहास अत्यंत प्राचीन है।

(D) भारतीय उपमहाद्वीप के विभिन्न भागों में मंदिरों ने अपनी एक विविध विकास यात्रा तय की है।

(E) मंदिर मूलतया अपने आकार-प्रकार तथा बनावट के लिए प्रसिद्ध रहे हैं।

Ans 1. D

2. C

3. A

4. B

Q.8 'कलम का धनी' मुहावरा किस अर्थ में प्रयोग किया जाता है?

Ans 1. धनी व्यक्ति

2. व्यापारी

3. शिक्षक

4. महान लेखक

Q.9 'इतनी सी जान और गज भर की जबान' लोकोक्ति का सही अर्थ चुनें-

Ans 1. छोटे मुँह बड़ी बात कहना।

2. बात बात पर अपनी बढ़ाई करना।

3. बोलने में कभी भी शर्म न करना।

4. सब को अपने से छोटा समझना।

Q.10 दिए गए वाक्य को उचित क्रम में लिखें -

1. आदत है कि वह
2. प्रकट करता है
3. मन की यह स्वाभाविक
4. विभिन्न प्रकार की इच्छाएं

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

Q.11 निम्नलिखित वाक्य में अशुद्धि को पहचान कर सही शब्द का चयन कीजिए-
असम भारत का पुरवी राज्य है।

Ans 1. उत्तर पश्चिमी
 2. पूर्वी
 3. उत्तरपूर्वी
 4. उत्तरी

Q.12 'ऊपरी दिखावा जिसमें आत्मीयता न हो' वाक्यांश के लिए एक सार्थक शब्द क्या है?

Ans 1. निर्णायक
 2. औपचारिक
 3. प्राकृतिक
 4. भौतिकता

Q.13 दिए गए वाक्य को उचित क्रम में लिखें -

1. देश को आजाद कराने
2. को दाँव पर लगा दिया
3. सुभाषचंद्र बोस ने
4. के लिए अपनी जिंदगी

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

Q.14 '---भगवान! मेरी रक्षा कीजिए' वाक्य के रिक्त स्थान में कौन-सी विभक्ति प्रयुक्त होगी?

Ans 1. में
 2. हे
 3. सी
 4. रे

Q.15 'इस लोक से संबंधित' वाक्यांश के लिए एक सार्थक शब्द क्या है?

Ans 1. ऐहिक
 2. कृतज्ञ
 3. औपन्यासिक
 4. क्षम्य

Comprehension:

दिये गये गद्यांश के आधार पर निम्नांकित प्रश्नों के उत्तर दीजिए--

पुस्तकों को मानव का सर्वश्रेष्ठ मित्र कहा गया है। ये केवल कागज़ के पन्ने नहीं, बल्कि ज्ञान, इतिहास और अनुभवों का एक अनमोल खजाना हैं। पुस्तकों के माध्यम से हम सदियों पहले के दार्शनिकों के विचारों को समझ सकते हैं, महान वैज्ञानिकों के आविष्कारों की कहानी जान सकते हैं और अलग-अलग संस्कृतियों से परिचित हो सकते हैं। एक अच्छी पुस्तक हमें न केवल सूचना देती है, बल्कि हमारे चरित्र का निर्माण भी करती है और हमारी सोच को एक नई दिशा प्रदान करती है। कहा जाता है कि जो व्यक्ति नियमित रूप से पढ़ता है, वह जीवन में कभी अकेला महसूस नहीं करता, क्योंकि किताबों में हर समस्या का समाधान और हर जिज्ञासा का उत्तर छिपा होता है। पुस्तकें हमारी कल्पना शक्ति को बढ़ाती हैं और हमें दुनिया को एक व्यापक दृष्टिकोण से देखने में मदद करती हैं। इसलिए, हमें अपने जीवन में पुस्तकों को महत्व देना चाहिए और पठन की आदत को बढ़ावा देना चाहिए।

SubQuestion No : 16

Q.16 इस गद्यांश के लिए सबसे उपयुक्त शीर्षक क्या हो सकता है?

Comprehension:

दिये गये गद्यांश के आधार पर निम्नांकित प्रश्नों के उत्तर दीजिए--

पुस्तकों को मानव का सर्वश्रेष्ठ मित्र कहा गया है। ये केवल कागज़ के पन्ने नहीं, बल्कि ज्ञान, इतिहास और अनुभवों का एक अनमोल खजाना हैं। पुस्तकों के माध्यम से हम सदियों पहले के दार्शनिकों के विचारों को समझ सकते हैं, महान वैज्ञानिकों के आविष्कारों की कहानी जान सकते हैं और अलग-अलग संस्कृतियों से परिचित हो सकते हैं। एक अच्छी पुस्तक हमें न केवल सूचना देती है, बल्कि हमारे चरित्र का निर्माण भी करती है और हमारी सोच को एक नई दिशा प्रदान करती है। कहा जाता है कि जो व्यक्ति नियमित रूप से पढ़ता है, वह जीवन में कभी अकेला महसूस नहीं करता, क्योंकि किताबों में हर समस्या का समाधान और हर जिज्ञासा का उत्तर छिपा होता है। पुस्तकें हमारी कल्पना शक्ति को बढ़ाती हैं और हमें दुनिया को एक व्यापक दृष्टिकोण से देखने में मदद करती हैं। इसलिए, हमें अपने जीवन में पुस्तकों को महत्व देना चाहिए और पठन की आदत को बढ़ावा देना चाहिए।

SubQuestion No : 17

Q.17 गद्यांश में पुस्तकों को किस रूप में व्याख्यायित किया गया है?

Comprehension:

दिये गये गद्यांश के आधार पर निम्नांकित प्रश्नों के उत्तर दीजिए--

पुस्तकों को मानव का सर्वश्रेष्ठ मित्र कहा गया है। ये केवल कागज़ के पन्ने नहीं, बल्कि ज्ञान, इतिहास और अनुभवों का एक अनमोल खजाना हैं। पुस्तकों के माध्यम से हम सदियों पहले के दार्शनिकों के विचारों को समझ सकते हैं, महान वैज्ञानिकों के आविष्कारों की कहानी जान सकते हैं और अलग-अलग संस्कृतियों से परिचित हो सकते हैं। एक अच्छी पुस्तक हमें न केवल सूचना देती है, बल्कि हमारे चरित्र का निर्माण भी करती है और हमारी सोच को एक नई दिशा प्रदान करती है। कहा जाता है कि जो व्यक्ति नियमित रूप से पढ़ता है, वह जीवन में कभी अकेला महसूस नहीं करता, क्योंकि किताबों में हर समस्या का समाधान और हर जिज्ञासा का उत्तर छिपा होता है। पुस्तकें हमारी कल्पना शक्ति को बढ़ाती हैं और हमें दुनिया को एक व्यापक दृष्टिकोण से देखने में मदद करती हैं। इसलिए, हमें अपने जीवन में पुस्तकों को महत्व देना चाहिए और पठन की आदत को बढ़ावा देना चाहिए।

SubQuestion No : 18

Q.18 पुस्तकों के माध्यम से हम क्या जानकारी पा सकते हैं?

Comprehension:

दिये गये गद्यांश के आधार पर निम्नांकित प्रश्नों के उत्तर दीजिए--

पुस्तकों को मानव का सर्वश्रेष्ठ मित्र कहा गया है। ये केवल कागज़ के पन्ने नहीं, बल्कि ज्ञान, इतिहास और अनुभवों का एक अनमोल खजाना हैं। पुस्तकों के माध्यम से हम सदियों पहले के दार्शनिकों के विचारों को समझ सकते हैं, महान वैज्ञानिकों के आविष्कारों की कहानी जान सकते हैं और अलग-अलग संस्कृतियों से परिचित हो सकते हैं। एक अच्छी पुस्तक हमें न केवल सूचना देती है, बल्कि हमारे चरित्र का निर्माण भी करती है और हमारी सोच को एक नई दिशा प्रदान करती है। कहा जाता है कि जो व्यक्ति नियमित रूप से पढ़ता है, वह जीवन में कभी अकेला महसूस नहीं करता, क्योंकि किताबों में हर समस्या का समाधान और हर जिज्ञासा का उत्तर छिपा होता है। पुस्तकें हमारी कल्पना शक्ति को बढ़ाती हैं और हमें दुनिया को एक व्यापक दृष्टिकोण से देखने में मदद करती हैं। इसलिए, हमें अपने जीवन में पुस्तकों को महत्व देना चाहिए और पठन की आदत को बढ़ावा देना चाहिए।

SubQuestion No : 19

Q.19 'निर्माण' का विलोम शब्द चुनें--

Comprehension:

दिये गये गद्यांश के आधार पर निम्नांकित प्रश्नों के उत्तर दीजिए--

पुस्तकों को मानव का सर्वश्रेष्ठ मित्र कहा गया है। ये केवल कागज़ के पन्ने नहीं, बल्कि ज्ञान, इतिहास और अनुभवों का एक अनमोल खजाना हैं। पुस्तकों के माध्यम से हम सदियों पहले के दार्शनिकों के विचारों को समझ सकते हैं, महान वैज्ञानिकों के आविष्कारों की कहानी जान सकते हैं और अलग-अलग संस्कृतियों से परिचित हो सकते हैं। एक अच्छी पुस्तक हमें न केवल सूचना देती है, बल्कि हमारे चरित्र का निर्माण भी करती है और हमारी सोच को एक नई दिशा प्रदान करती है। कहा जाता है कि जो व्यक्ति नियमित रूप से पढ़ता है, वह जीवन में कभी अकेला महसूस नहीं करता, क्योंकि किताबों में हर समस्या का समाधान और हर जिज्ञासा का उत्तर छिपा होता है। पुस्तकें हमारी कल्पना शक्ति को बढ़ाती हैं और हमें दुनिया को एक व्यापक दृष्टिकोण से देखने में मदद करती हैं। इसलिए, हमें अपने जीवन में पुस्तकों को महत्व देना चाहिए और पठन की आदत को बढ़ावा देना चाहिए।

SubQuestion No : 20

Q.20 एक अच्छी पुस्तक का मुख्य कार्य क्या है?

Section : Test of Hindi Language and Comprehension1

Q.1 निम्नलिखित वाक्य के किस शब्द में वर्तनी से संबंधित त्रुटि है?
'प्रयग विश्वविद्यालय की ओर से नेहरू जी को उपाधि प्रदान की गई।'

- Ans
- 1. प्रदान
 - 2. उपाधि
 - 3. प्रयग
 - 4. विश्वविद्यालय

Q.2 दिए गए विकल्पों में से 'सृष्टि' का विलोम शब्द कौन-सा है?

- Ans
- 1. प्रलय
 - 2. उत्पत्ति
 - 3. रचना
 - 4. व्यष्टि

Q.3 निम्नलिखित में से कौन सा शब्द यमुना का पर्यायवाची नहीं है?

- Ans 1. कमलापति
 2. कालिंदी
 3. सूर्यसुता
 4. अर्कजा

Q.4 निम्नलिखित वाक्यों में त्रुटि पहचानकर शुद्ध वाक्य का चयन करें-

- Ans 1. कोई भी जनभाषा, अपने प्रवाह की अक्षुण्णता में सदा एक रूप नहीं रह सकती।
 2. कोई भी जनभाषा, अपने प्रवाह की अछुणता में सदा एक रूप नहीं रह सकती।
 3. कोई भी जनभाषा, अपने प्रवाह की अक्शुनता में सदा एक रूप नहीं रह सकता।
 4. कोई भी जनभाषा, अपने प्रवाह की अचुन्नता में सदा एक रूप नहीं रह सकती।

Q.5 'छूट' का पर्यायवाची शब्द क्या होगा?

- Ans 1. मिला हुआ
 2. युक्त
 3. स्कीम
 4. रियायत

Q.6 'सिंह के वंश में उपजा स्यार' लोकोक्ति का अर्थ है-

- Ans 1. दुविधा में पड़ जाना।
 2. सदा एक सी दशा।
 3. बहादुरों की कायर संतान।
 4. अकारण विवाद।

Q.7 निम्नलिखित में से कौन-सा विकल्प अनेकार्थी शब्द 'तात' का अर्थ है?

- Ans 1. सर्प
 2. भाई
 3. प्रभु
 4. चोर

Q.8 निम्न में से 'बिनु सत्संग विवेक न होई' लोकोक्ति का सही अर्थ कौन-सा है ?

- Ans 1. काम सोच विचार के बाद करना चाहिए
 2. नीच आदमी से डरना चाहिए
 3. विपत्ति में पत्नी, पुत्र और भाई काम आते हैं
 4. ज्ञान सत्संग से ही संभव है

Q.9 'गोस्वामी' का तद्भव शब्द है-

- Ans 1. गोसाईं
 2. गोत्र
 3. गौना
 4. गोरा

Q.10 'दूध' का तत्सम रूप क्या है?

- Ans 1. दूर्वा
 2. दुग्ध
 3. दूज
 4. द्विवर

Q.11 निम्नलिखित लोकोक्ति का अर्थ बताएं -
'जल में रहकर मगर से बैर'

- Ans
- 1. सत्यता छिपाई नहीं जा सकती
 - 2. आश्रयदाता से शत्रुता नहीं रखनी चाहिए
 - 3. धंधे में रियायत श्रेयस्कर नहीं
 - 4. सब प्रकार से लाभ

Q.12 नीचे दिए गए विकल्पों में से गुण के अनेकार्थी शब्द का चयन कीजिए -

- Ans
- 1. रस्सी
 - 2. शिव के सेवक
 - 3. समूह
 - 4. मजाक

Q.13 निम्नलिखित विकल्पों में कौन-से वाक्य में वर्तनी से संबंधित त्रुटि नहीं है?

- Ans
- 1. शत्रु मैदान से भग खड़ा हुआ।
 - 2. शत्रु मैदान से भाग खड़ा हुआ।
 - 3. शत्रु मैदान से भाग खड़ा हुआ।
 - 4. शत्रु मैदान से भाग खड़ा हुआ।

Q.14 निम्नलिखित में से कौन सा शब्द तलवार का पर्यायवाची नहीं है?

- Ans
- 1. नाराच
 - 2. चंद्रहास
 - 3. करवाल
 - 4. असि

Q.15 निम्नलिखित वाक्य के किस शब्द में वर्तनी से संबंधित त्रुटि है?
'हिमालय सबसे उचा पर्वत है।'

- Ans
- 1. उचा
 - 2. हिमालय
 - 3. सबसे
 - 4. पर्वत

Comprehension:

दिये गये गद्यांश के आधार पर निम्नांकित प्रश्नों के उत्तर दीजिए--

प्रकृति हमारे आस-पास के वातावरण को एक अद्भुत संतुलन प्रदान करती है। इस संतुलन में सभी जीव-जंतु, पेड़-पौधे और यहाँ तक कि निर्जीव वस्तुएँ भी एक-दूसरे से जुड़ी हुई हैं। पौधे सूर्य के प्रकाश का उपयोग करके अपना भोजन बनाते हैं, एक ऐसी प्रक्रिया जिसे प्रकाश संश्लेषण कहते हैं। इस प्रक्रिया में वे ऑक्सीजन गैस बाहर निकालते हैं, जो सभी जीवों के लिए साँस लेने हेतु आवश्यक है। बदले में, मनुष्य और जानवर साँस लेते समय कार्बन डाइऑक्साइड छोड़ते हैं, जिसे पौधे वापस अवशोषित कर लेते हैं। यह क्रिया वायुमंडल में गैसों का संतुलन बनाए रखती है। इसी तरह, खाद्य श्रृंखला (फूड चेन) जीवों के बीच ऊर्जा के प्रवाह को सुनिश्चित करती है, जहाँ छोटे जीव बड़े जीवों का भोजन बनते हैं। यदि इस श्रृंखला का कोई भी एक हिस्सा कमजोर होता है, तो पूरा पारिस्थितिकी तंत्र प्रभावित होता है। इसलिए, हमें प्रकृति के इस नाजुक संतुलन को बनाए रखने और पर्यावरण संरक्षण के लिए सचेत रहना चाहिए।

SubQuestion No : 16

Q.16 इस गद्यांश के लिए सबसे उपयुक्त शीर्षक क्या हो सकता है?

Comprehension:

दिये गये गद्यांश के आधार पर निम्नांकित प्रश्नों के उत्तर दीजिए--

प्रकृति हमारे आस-पास के वातावरण को एक अद्भुत संतुलन प्रदान करती है। इस संतुलन में सभी जीव-जंतु, पेड़-पौधे और यहाँ तक कि निर्जीव वस्तुएँ भी एक-दूसरे से जुड़ी हुई हैं। पौधे सूर्य के प्रकाश का उपयोग करके अपना भोजन बनाते हैं, एक ऐसी प्रक्रिया जिसे प्रकाश संश्लेषण कहते हैं। इस प्रक्रिया में वे ऑक्सीजन गैस बाहर निकालते हैं, जो सभी जीवों के लिए साँस लेने हेतु आवश्यक है। बदले में, मनुष्य और जानवर साँस लेते समय कार्बन डाइऑक्साइड छोड़ते हैं, जिसे पौधे वापस अवशोषित कर लेते हैं। यह क्रिया वायुमंडल में गैसों का संतुलन बनाए रखती है। इसी तरह, खाद्य श्रृंखला (फूड चेन) जीवों के बीच ऊर्जा के प्रवाह को सुनिश्चित करती है, जहाँ छोटे जीव बड़े जीवों का भोजन बनते हैं। यदि इस श्रृंखला का कोई भी एक हिस्सा कमजोर होता है, तो पूरा पारिस्थितिकी तंत्र प्रभावित होता है। इसलिए, हमें प्रकृति के इस नाजुक संतुलन को बनाए रखने और पर्यावरण संरक्षण के लिए सचेत रहना चाहिए।

SubQuestion No : 17

Q.17 पौधे अपना भोजन किस प्रक्रिया द्वारा बनाते हैं?

Comprehension:

दिये गये गद्यांश के आधार पर निम्नांकित प्रश्नों के उत्तर दीजिए--

प्रकृति हमारे आस-पास के वातावरण को एक अद्भुत संतुलन प्रदान करती है। इस संतुलन में सभी जीव-जंतु, पेड़-पौधे और यहाँ तक कि निर्जीव वस्तुएँ भी एक-दूसरे से जुड़ी हुई हैं। पौधे सूर्य के प्रकाश का उपयोग करके अपना भोजन बनाते हैं, एक ऐसी प्रक्रिया जिसे प्रकाश संश्लेषण कहते हैं। इस प्रक्रिया में वे ऑक्सीजन गैस बाहर निकालते हैं, जो सभी जीवों के लिए साँस लेने हेतु आवश्यक है। बदले में, मनुष्य और जानवर साँस लेते समय कार्बन डाइऑक्साइड छोड़ते हैं, जिसे पौधे वापस अवशोषित कर लेते हैं। यह क्रिया वायुमंडल में गैसों का संतुलन बनाए रखती है। इसी तरह, खाद्य श्रृंखला (फूड चेन) जीवों के बीच ऊर्जा के प्रवाह को सुनिश्चित करती है, जहाँ छोटे जीव बड़े जीवों का भोजन बनते हैं। यदि इस श्रृंखला का कोई भी एक हिस्सा कमजोर होता है, तो पूरा पारिस्थितिकी तंत्र प्रभावित होता है। इसलिए, हमें प्रकृति के इस नाजुक संतुलन को बनाए रखने और पर्यावरण संरक्षण के लिए सचेत रहना चाहिए।

SubQuestion No : 18

Q.18 मनुष्य साँस लेते समय कौन-सी गैस बाहर निकालता है?

Comprehension:

दिये गये गद्यांश के आधार पर निम्नांकित प्रश्नों के उत्तर दीजिए--

प्रकृति हमारे आस-पास के वातावरण को एक अद्भुत संतुलन प्रदान करती है। इस संतुलन में सभी जीव-जंतु, पेड़-पौधे और यहाँ तक कि निर्जीव वस्तुएँ भी एक-दूसरे से जुड़ी हुई हैं। पौधे सूर्य के प्रकाश का उपयोग करके अपना भोजन बनाते हैं, एक ऐसी प्रक्रिया जिसे प्रकाश संश्लेषण कहते हैं। इस प्रक्रिया में वे ऑक्सीजन गैस बाहर निकालते हैं, जो सभी जीवों के लिए साँस लेने हेतु आवश्यक है। बदले में, मनुष्य और जानवर साँस लेते समय कार्बन डाइऑक्साइड छोड़ते हैं, जिसे पौधे वापस अवशोषित कर लेते हैं। यह क्रिया वायुमंडल में गैसों का संतुलन बनाए रखती है। इसी तरह, खाद्य श्रृंखला (फूड चेन) जीवों के बीच ऊर्जा के प्रवाह को सुनिश्चित करती है, जहाँ छोटे जीव बड़े जीवों का भोजन बनते हैं। यदि इस श्रृंखला का कोई भी एक हिस्सा कमजोर होता है, तो पूरा पारिस्थितिकी तंत्र प्रभावित होता है। इसलिए, हमें प्रकृति के इस नाजुक संतुलन को बनाए रखने और पर्यावरण संरक्षण के लिए सचेत रहना चाहिए।

SubQuestion No : 19

Q.19 खाद्य श्रृंखला (फूड चेन) किसे सुनिश्चित करती है?

Comprehension:

दिये गये गद्यांश के आधार पर निम्नांकित प्रश्नों के उत्तर दीजिए--

प्रकृति हमारे आस-पास के वातावरण को एक अद्भुत संतुलन प्रदान करती है। इस संतुलन में सभी जीव-जंतु, पेड़-पौधे और यहाँ तक कि निर्जीव वस्तुएँ भी एक-दूसरे से जुड़ी हुई हैं। पौधे सूर्य के प्रकाश का उपयोग करके अपना भोजन बनाते हैं, एक ऐसी प्रक्रिया जिसे प्रकाश संश्लेषण कहते हैं। इस प्रक्रिया में वे ऑक्सीजन गैस बाहर निकालते हैं, जो सभी जीवों के लिए साँस लेने हेतु आवश्यक है। बदले में, मनुष्य और जानवर साँस लेते समय कार्बन डाइऑक्साइड छोड़ते हैं, जिसे पौधे वापस अवशोषित कर लेते हैं। यह क्रिया वायुमंडल में गैसों का संतुलन बनाए रखती है। इसी तरह, खाद्य श्रृंखला (फूड चेन) जीवों के बीच ऊर्जा के प्रवाह को सुनिश्चित करती है, जहाँ छोटे जीव बड़े जीवों का भोजन बनते हैं। यदि इस श्रृंखला का कोई भी एक हिस्सा कमजोर होता है, तो पूरा पारिस्थितिकी तंत्र प्रभावित होता है। इसलिए, हमें प्रकृति के इस नाजुक संतुलन को बनाए रखने और पर्यावरण संरक्षण के लिए सचेत रहना चाहिए।

SubQuestion No : 20

Q.20 निम्न शब्दों में से 'प्रकाश' के विलोम शब्द का चयन करें--