



GOVT. OF NCT OF DELHI
Delhi Subordinate Services Selection Board
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Participant Name	
Test Center Name	Aadarsh Pariksha Kendra CENTER C - Gate No 2 - Noida Sector 64
Test Date	08/03/2026
Test Time	9:00 AM - 11:00 AM
Subject	Multi Tasking Staff

Section : General intelligence and Reasoning Ability

Q.1 A, B, C, D, E, F and G are sitting in a straight line facing North.
No one sits to the left of A. Only four people sit between A and D. Only three people sit to the right of G. C sits to the immediate left of F. B is not an immediate neighbor of G.

How many people sit to the left of G?

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

Q.2 In this question, a statement is followed by two conclusions. Find out which conclusion is true based on the given statement.

Statement: $F \leq G < H = I > J$

Conclusions:

I. $F < I$

II. $G > J$

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

Q.3 Refer to the following letter and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) $B @ * T = M < F > Z E = L U \# G N \& A \# K + V Z$ (Right)

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

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

Q.4 In a certain code language, 'SAME' is coded as '2816' and 'MEAN' is coded as '7821'. What is the code for 'N' in the given code language?

- Ans**
1. 8
 2. 1
 3. 7
 4. 2

Q.5 A, B, C, M, N and O live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on till the topmost floor is numbered 6.
N lives on floor number 5. M lives on a floor above N. Only B lives below C. A lives on an even numbered floor.
How many people live below O?

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

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

(Left) L G * % A \$ U X Y I * E R T U \$ O M N # C (Right)

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

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

Q.7 Each of F, G, H, I, U, V and W 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 exam between W and I. Only three people have exam between F and V. U has exam on some day before I and on some day after G. Only H has exam before V. How many people have exam after W?

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

Q.8 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements: All parks are forests. No forest is a meadow.

Conclusions:

- (I) : No park is a meadow.
- (II) : All meadows are forests.

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

Q.9 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

- 1. Ephemeral
- 2. Escaping
- 3. Established
- 4. Employer
- 5. Elective

Ans  1. 2, 3, 5, 4, 1
 2. 2, 3, 4, 1, 5
 3. 5, 4, 1, 2, 3
 4. 3, 2, 5, 4, 1

Q.10 Amit is married to Nell. Rita is the mother of Pat. Nell is the sister of Pat. How is Amit related to Rita?

Ans  1. Sister's husband
 2. Wife's mother
 3. Wife's brother
 4. Daughter's husband

Q.11 In this question, a statement is followed by two conclusions. Find out which conclusion is true based on the given statement.

Statement: $A < B = C > D = E$

Conclusions:

I. $A < D$

II. $C > E$

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

Q.12 Refer to the following number series and answer the question (All numbers are single digit numbers only. Counting to be done from left to right.)

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

How many such even digits are there, each of the which is immediately preceded by a perfect square and immediately followed by an odd digit?
(NOTE: 1 is also a perfect square)

Ans  1. Three
 2. More than three
 3. Two
 4. One

Q.13 In a certain code language, 'MILK' is coded as '4387' and 'LIKE' is coded as '2748'. What is the code for 'E' in the given code language?

Ans  1. 3
 2. 2
 3. 8
 4. 4

Q.14 In a certain code language, 'REST' is coded as '1896' and 'STEM' is coded as '9682'. What is the code for 'M' in the given code language?

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

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

(Left) I Z E R J T G U K Q K I C S R W O M Y A L U (Right)

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

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

Q.16 Rory is the brother of Ken. Sam is the daughter of Dora. Ken is the father of Sam. Nell is the mother of Rory. How is Dora related to Nell?

- Ans
- ☐ 1. Husband's brother
 - ☐ 2. Brother's wife
 - ☒ 3. Son's wife
 - ☐ 4. Brother's daughter

Q.17 A, B, C, D, E, F and G are sitting around a circular table facing the centre. Only three people sit between E and F when counted from the left of E. Only three people sit between B and A when counted from the right of A. C sits to the immediate right of B.G is an immediate neighbour of A as well as F. How many people sit between B and E when counted from the left of E?

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

Q.18 Refer to the following letter series and answer the question.

(Left) I J I Y X O E O N R Y E Q K R I A Z V O L J (Right)

How many such consonants are there, each of which is immediately preceded by a consonant and also immediately followed by a consonant?⁴⁴³⁰

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

Q.19 All 51 people are standing in a row facing North. Nehal is 41st from the right end while Soham is 39th from the left end. How many people are there between Nehal and Soham?

- Ans
- ☒ 1. 27
 - ☐ 2. 23
 - ☐ 3. 24
 - ☐ 4. 21

Q.20 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Only four boxes are kept above A. Only three boxes are kept below B. D is kept below G but above B. Only three boxes are kept between E and A. C is kept immediately above F. How many boxes are kept between C and G?

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

Section : General intelligence and Reasoning Ability1

Q.1 What should come in place of ? in the given series?
791 694 597 500 403 ?

- Ans ☐ 1. 318
☐ 2. 316
☐ 3. 326
☒ 4. 306

Q.2 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which 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. FX-PR
☐ 2. LD-VX
☒ 3. KI-UW
☐ 4. ME-WY

Q.3 GI 12 is related to JJ 1 in a certain way. In the same way, LU 18 is related to OV 7. To which of the following is QW 21 related, following the same logic?

- Ans ☒ 1. TX 10
☐ 2. TR 11
☐ 3. TT 13
☐ 4. TS 12

Q.4 What will come in place of '?' in the following equation, if '+' and '-' are interchanged?

$15 + 6 - 8 \times 2 = ?$

- Ans ☐ 1. 20
☐ 2. 18
☐ 3. 15
☒ 4. 25

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

$66 \div 3 + 75 \times 5 - 43 = ?$

- Ans
- ✓ 1. 226
 - ✗ 2. 235
 - ✗ 3. 219
 - ✗ 4. 222

Q.6 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. M47Ge2
 - ✗ 2. W47Ge2
 - ✓ 3. W47Ge2
 - ✗ 4. W47Ge2

Q.7 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

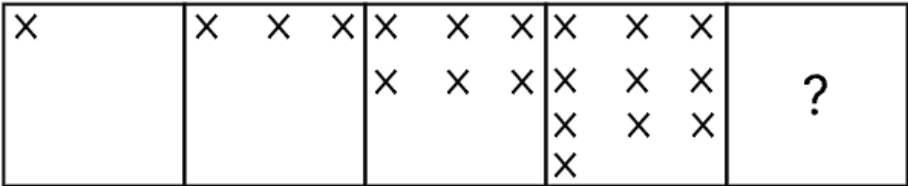
TXZ-CGI
EIK-NRT

- Ans
- ✗ 1. HLN-PUV
 - ✗ 2. HKL-QUW
 - ✓ 3. HLN-QUW
 - ✗ 4. HKL-PTV

Q.8 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. KGI
 - ✗ 2. CYA
 - ✗ 3. VRT
 - ✓ 4. URS

Q.9 Identify the figure given in the options which when put in place of ? will logically complete the series?



Ans

- ✖ 1.

X	X	X
X	X	X
	X	X
	X	X
- ✖ 2.

X	X	X
X	X	X
X	X	X
X	X	X
	X	
- ✔ 3.

X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
- ✖ 4.

X	X	X
X	X	X
X	X	
X	X	
X	X	

Q.10 What should come in place of the question mark (?) in the given series?

32 30 26 24 20 ? 14

- Ans

✖ 1. 16
- ✔ 2. 18
- ✖ 3. 12
- ✖ 4. 14

Q.11 If '+' means '-', '-' means 'x', 'x' means '÷', '÷' means '+', then what will come in place of the question mark (?) in the following equation?

$32 \times 16 \div 11 - 5 + 15 = ?$

- Ans

✖ 1. 38
- ✔ 2. 42
- ✖ 3. 44
- ✖ 4. 36

Q.12 What should come in place of '?' in the given series?

24 48 72 96 120 ?

- Ans
- ☐ 1. 142
 - ☐ 2. 141
 - ☐ 3. 143
 - ☒ 4. 144

Q.13 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.)

(19,18,91)

(1,21,85)

- Ans
- ☒ 1. (11,19,87)
 - ☐ 2. (23,20,13)
 - ☐ 3. (3,22,1)
 - ☐ 4. (19,22,67)

Q.14 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.)

(65,10,11)

(20,10,2)

- Ans
- ☐ 1. (12,8,68)
 - ☒ 2. (37,2,7)
 - ☐ 3. (77,17,14)
 - ☐ 4. (15,45,2)

Q.15 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.

WORK - ORWK - KROW

SOFT - OFST - TFOS

- Ans
- ☐ 1. MINE - INME - INEM
 - ☐ 2. YARN - AYRN - NARY
 - ☒ 3. WHEN - HEWN - NEHW
 - ☐ 4. BIND - BNID - DNIB

Q.16 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

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

(16,24,32)

(16,18,20)

Ans  1. (11,22,3)

 2. (21,3,15)

 3. (4,1,2)

 4. (7,13,19)

Q.17 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. LO - SV

 2. EF - JL

 3. HK - OR

 4. NQ - UX

Q.18 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 crows are horns. All horns are trees.

Conclusion (I) : Some crows are trees.

Conclusion (II) : All trees are horns.

Ans  1. Only conclusion (I) follows

 2. Both conclusions (I) and (II) follow

 3. Neither conclusion (I) nor (II) follows

 4. Only conclusion (II) follows

Q.19 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

50 - 20 ÷ 5 + 12 x 2 = ?

Ans  1. 38

 2. 144

 3. 36

 4. 35

Q.20 If 2 is subtracted from each odd digit and 1 is added to each even digit in the number 9572864, what will be the sum of the digits which are second from the left and second from the right?

Ans  1. 9

 2. 11

 3. 12

 4. 10

Q.1 Who founded the Sharada Sadan school in Mumbai to educate widows?

- Ans**
- ☒ 1. Pandita Ramabai
 - ☐ 2. Sarojini Naidu
 - ☐ 3. Savitribai Phule
 - ☐ 4. Annie Besant

Q.2 भारत में मध्यरात्रि की प्रार्थना सभाओं और अलंकृत वृक्षों के साथ मनाया जाने वाला कौन-सा ईसाई त्यौहार यीशु मसीह के जन्म का प्रतीक है?

- Ans**
- ☐ 1. पेंटेकोस्ट, पवित्र आत्माओं का अन्वय (Pentecost, the spirit's descent)
 - ☒ 2. क्रिसमस, जन्मोत्सव (Christmas, the nativity celebration)
 - ☐ 3. ईस्टर, पुनरुत्थान दिवस (Easter, the resurrection day)
 - ☐ 4. गुड फ्राइडे, क्रूसारोपण दिवस (Good Friday, the crucifixion day)

Q.3 What is the primary purpose of 'Adi Vaani' developed by IIIT-Hyderabad?

- Ans**
- ☒ 1. Translating tribal languages using artificial intelligence
 - ☐ 2. Developing speech recognition for Hindi
 - ☐ 3. Teaching English to rural students
 - ☐ 4. Creating a mobile banking platform

Q.4 C.R. Das, popularly known as Deshbandhu, was instrumental in forming which party?

- Ans**
- ☐ 1. Congress Socialist Party
 - ☒ 2. Swaraj Party
 - ☐ 3. Forward Bloc
 - ☐ 4. Ghadar Party

Q.5 Which leader from Faizabad emerged in 1857 and prophesied that the rule of the British would come to an end?

- Ans**
- ☐ 1. Bakht Khan
 - ☒ 2. Ahmadullah Shah
 - ☐ 3. Nana Saheb
 - ☐ 4. Kunwar Singh

Q.6 The new rural job scheme replacing MNREGA is called:

- Ans**
- ☐ 1. NREGA
 - ☒ 2. VB-G RAM G
 - ☐ 3. PDS
 - ☐ 4. PMAY

Q.7 In which year was the Indian National Congress founded?

- Ans**
- ☐ 1. 1919
 - ☒ 2. 1885
 - ☐ 3. 1905
 - ☐ 4. 1920

Q.8 Which new Indian AI assistant, launched in June 2025, can operate across 13 languages and perform tasks like booking cabs and ordering food?

- Ans**
- ☐ 1. Sarvam Talk
 - ☐ 2. Nanda
 - ☐ 3. BharatBot
 - ☒ 4. Kruti

Q.9 When was the Setu Bharatam programme launched?

- Ans**
- ☐ 1. 2019
 - ☐ 2. 2021
 - ☐ 3. 2015
 - ☒ 4. 2016

Q.10 Among which of the following reasons might a firm continue production in the short run even when its marginal cost (MC) is rising?

- Ans**
- ☐ 1. Because rising marginal cost always leads to higher profits
 - ☒ 2. Because the product price is still above the average variable cost
 - ☐ 3. Because businesses never consider costs when deciding output
 - ☐ 4. Because fixed costs also increases in the short run

Q.11 In November 2024, who among the following secured his/her 28th IBSF World Billiards Championship title?

- Ans**
- ☐ 1. Harmanpreet Singh
 - ☐ 2. Gukesh D
 - ☐ 3. Manu Bhaker
 - ☒ 4. Pankaj Advani

Q.12 What does the term "per capita income" refer to?

- Ans**
- ☐ 1. Income per household
 - ☐ 2. Total income of all industries
 - ☒ 3. Average income per person in a country
 - ☐ 4. Income of government employees only

Q.13 The scheme introduced by the Government of India in October 2014 under which Members of Parliament are required to adopt and develop villages as model villages is known as what?

- Ans**
- ☐ 1. Jan Dhan Adarsh Awas Yojana
 - ☐ 2. Pradhan Mantri Gram Sadak Yojana
 - ☒ 3. Saansad Adarsh Gram Yojana
 - ☐ 4. Deendayal Upadhyaya Gram Jyoti Yojana

Q.14 Which of the following would cause India's GNP (Gross National Product) to be lower than its GDP?

- Ans**
- ☐ 1. Increase in depreciation
 - ☒ 2. Net outflow of factor income
 - ☐ 3. Rise in indirect taxes
 - ☐ 4. Growth in infrastructure spending

Q.15 Which young cricketer set a new record for the highest individual score in an Under-19 World Cup final in 2026?

- Ans**
- ☐ 1. Unmukt Chand
 - ☒ 2. Vaibhav Suryavanshi
 - ☐ 3. Caleb Falconer
 - ☐ 4. Raj Bawa

Q.16 The value-added method in national income accounting calculates GDP by _____.

- Ans**
- ☐ 1. Subtracting exports from imports
 - ☐ 2. Adding up final consumer expenditures
 - ☒ 3. Calculating net value addition at each stage of production
 - ☐ 4. Summing up wages and salaries

Q.17 Who among the following became the Chief Minister of Delhi in February 2025?

- Ans**
- ☒ 1. Rekha Gupta
 - ☐ 2. Atishi
 - ☐ 3. Manish Sisodia
 - ☐ 4. Arvind Kejriwal

Q.18 Who among the following members of the Indian National Congress became the first Asian to be elected to the British Parliament?

- Ans**
- ☒ 1. Dadabhai Naoroji
 - ☐ 2. Pherozeshah Mehta
 - ☐ 3. Surendranath Banerjee
 - ☐ 4. Womesh Chander Banerjee

Q.19 Which expo did the Prime Minister inaugurate in January 2026, related to cultural heritage?

- Ans**
- ☐ 1. Indian Heritage & Craft Expo
 - ☒ 2. Grand International Exposition of Piprahwa Relics
 - ☐ 3. Kala Utsav Expo
 - ☐ 4. World Cultural Fest

Q.20 In which shooting event did Suruchi Singh become world number one in September 2025?

- Ans**
- ☒ 1. 10 m air pistol
 - ☐ 2. Trap shooting
 - ☐ 3. 25 m pistol
 - ☐ 4. 50 m rifle

Section : General Awareness1

Q.1 What is the role of enzymes in chemical reactions in living organisms?

- Ans**
- ☐ 1. They inhibit chemical reactions.
 - ☐ 2. They produce gases during reactions.
 - ☒ 3. They speed up chemical reactions.
 - ☐ 4. They provide energy for reactions.

Q.2 Which Article of the Indian Constitution gives the Supreme Court power to enforce fundamental rights?

- Ans**
- ☐ 1. Article 19
 - ☐ 2. Article 44
 - ☒ 3. Article 32
 - ☐ 4. Article 26

Q.3 According to Article 51A(k) of the Constitution of India, inserted by the Constitution (Eighty-sixth Amendment) Act, 2002, it is the Fundamental Duty of every parent or guardian to provide opportunities for education to their child or ward belonging to which of the following age groups?

- Ans**
- ☐ 1. 10-18 years
 - ☒ 2. 6-14 years
 - ☐ 3. 0-6 years
 - ☐ 4. 10-14 years

Q.4 The Right to Education was added by which Amendment of the Constitution in India?

- Ans**
- ☐ 1. 44th Amendment
 - ☐ 2. 61st Amendment
 - ☐ 3. 42nd Amendment
 - ☒ 4. 86th Amendment

Q.5 Which type of agriculture is also called 'slash and burn' farming?

- Ans**
- ☒ 1. Shifting cultivation
 - ☐ 2. Nomadic herding
 - ☐ 3. Mixed farming
 - ☐ 4. Plantation farming

Q.6 Which of the following governmental authorities is responsible for conducting the Census of India?

- Ans**
- ☐ 1. Ministry of Welfare & Society
 - ☐ 2. Ministry of Environment
 - ☐ 3. Ministry of Census & Population
 - ☒ 4. Ministry of Home Affairs

Q.7 Which language, spoken in Manipur, is known for its unique script called Meitei Mayek and its rich tradition of oral literature?

- Ans**
- ☐ 1. Bengali, from West Bengal
 - ☐ 2. Hindi, from northern India
 - ☒ 3. Manipuri, from the northeast
 - ☐ 4. Assamese, from Assam

Q.8 Which Sikh festival, started by Guru Gobind Singh, is celebrated for three days in March, usually a day after Holi?

- Ans**
- ☐ 1. Maghi
 - ☐ 2. Gurpurab
 - ☒ 3. Hola Mohalla
 - ☐ 4. Baisakhi

Q.9 Our body's stress response is influenced by the _____.

- Ans**
- ☒ 1. adrenal glands
 - ☐ 2. thyroid gland
 - ☐ 3. pineal gland
 - ☐ 4. pancreas

Q.10 Which term is used for the sanctum, or 'womb-house,' in a Hindu temple?

- Ans**
- ☐ 1. Vimana
 - ☐ 2. Mandapa
 - ☒ 3. Garbhagriha
 - ☐ 4. Shikhara

Q.11 Where are the Udayagiri and Khandagiri caves located?

- Ans**
- ☒ 1. Near Bhubaneswar
 - ☐ 2. Near Hyderabad
 - ☐ 3. Near Mumbai
 - ☐ 4. Near Chennai

Q.12 Which Indian island group contains both volcanic and non-volcanic islands?

- Ans**
- ☐ 1. Minicoy
 - ☐ 2. Maldives
 - ☐ 3. Lakshadweep
 - ☒ 4. Andaman and Nicobar

Q.13 Which of the following is the longest National Highway in India?

- Ans**
- ☐ 1. NH-48
 - ☐ 2. NH-27
 - ☐ 3. NH-19
 - ☒ 4. NH-44

Q.14 Which of the following statements is/are correct regarding the functions of the Vice-President of India?

- (a) They act as the ex-officio Chairman of Rajya Sabha.
(b) When a vacancy occurs in the office of the President, they can act as the President only for a maximum period of 3 months, within which a new President has to be elected.

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

Q.15 An intricately carved temple complex in Hampi is recognized for its stone chariot and association with the Vijayanagara Empire. Which temple is described here?

- Ans**
- ☒ 1. Vittala Temple
 - ☐ 2. Virupaksha Temple
 - ☐ 3. Hazara Rama Temple
 - ☐ 4. Achyutaraya Temple

Q.16 Who fixes the powers and functions of the Gram Sabha by law?

- Ans**
- ☐ 1. Sarpanch of the village
 - ☐ 2. Panchayat at intermediate level
 - ☒ 3. State Legislature
 - ☐ 4. Central Government

Q.17 In humans, a mother always contributes which chromosome to each of her children?

- Ans**
- ☐ 1. Z only
 - ☐ 2. X or Y
 - ☐ 3. Y only
 - ☒ 4. X only

Q.18 The plant group fungi can be categorised in which of the following trophic levels of the ecosystem?

- Ans**
- ☒ 1. Decomposers
 - ☐ 2. Producers
 - ☐ 3. Apex predators
 - ☐ 4. Primary consumers

Q.19 Which of the following rivers forms an estuary on the western coast of India?

- Ans**
- ☐ 1. Krishna
 - ☐ 2. Mahanadi
 - ☒ 3. Narmada
 - ☐ 4. Godavari

Q.20 Which among the following acids causes the sour taste in cold drinks like Coke, Pepsi, and Campa?

- Ans**
- ☐ 1. Lactic acid
 - ☐ 2. Hydrochloric acid
 - ☐ 3. Sulfuric acid
 - ☒ 4. Phosphoric acid

Section : **Arithmetical and Numerical Ability**

Q.1 If the average of 3 consecutive numbers is 5, find the three numbers.

- Ans**
- ☒ 1. 4, 5, 6
 - ☐ 2. 6, 7, 8
 - ☐ 3. 3, 4, 5
 - ☐ 4. 5, 6, 7

Q.2 Solve using BODMAS $-48 - (-2)(-8 - 3 - 1) \div [2\{20 + (-4)(6)\}]$.

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

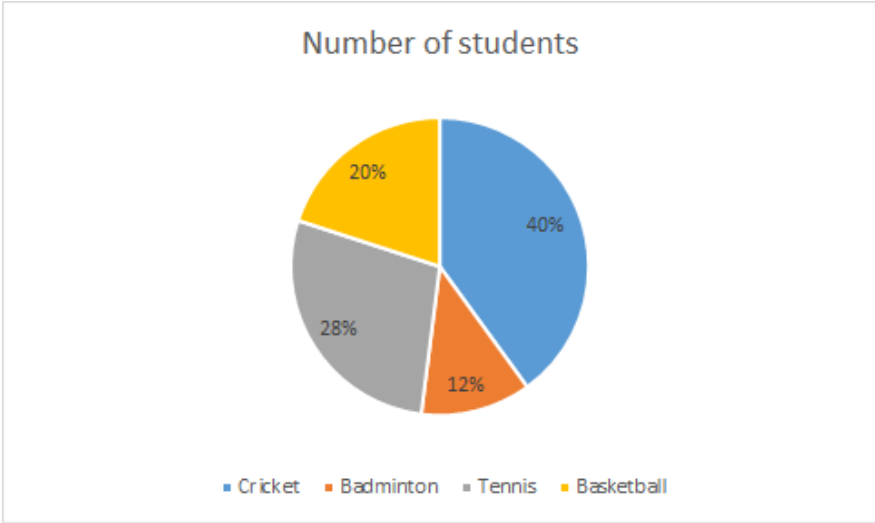
Q.3 Smitha spends 70% of her income. Her income increases by 40%, and she increases her expenditure by 15%. What is the percentage increase in her savings? (Round off your answer to two decimal places.)

- Ans**
- ☐ 1. 95.45%
 - ☐ 2. 95.55%
 - ☐ 3. 98.05%
 - ☒ 4. 98.33%

Q.4 David's salary was first reduced by 37% and subsequently raised by 28%. By how much percentage was his final salary lower compared to his initial salary?⁸¹⁹⁰

- Ans
- ☐ 1. 10.36%
 - ☐ 2. 28%
 - ☒ 3. 19.36%
 - ☐ 4. 37%

Q.5 There are 75 students in the class. The following pie chart shows the distribution of students based on their preferred sports. How many students like tennis?



- Ans
- ☐ 1. 30
 - ☒ 2. 21
 - ☐ 3. 25
 - ☐ 4. 15

Q.6 A student scored 80 marks in Maths (weightage 3), 69 marks in Science (weightage 2), and 90 marks in English (weightage 1). What is the weighted average score?

- Ans
- ☒ 1. 78
 - ☐ 2. 81
 - ☐ 3. 76
 - ☐ 4. 84

Q.7 Akshat deposited a sum of ₹76700 at 20% rate of interest per annum, compounded annually. The total amount received by Akshat after 2 years is:

- Ans
- ☐ 1. ₹110706
 - ☐ 2. ₹110139
 - ☐ 3. ₹110473
 - ☒ 4. ₹110448

Q.8 The compound interest on ₹4,000 for 2 years is ₹410. What is the rate of interest per annum if interest is compounded annually?

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

Q.9 Haran purchased two bicycles at the same price and sold one at a profit of 15% and the other at a loss of 5%. If the difference between the two selling prices is ₹350, what is the cost price of each bicycle?

- Ans ☒ 1. ₹1,750
☐ 2. ₹1,730
☐ 3. ₹1,740
☐ 4. ₹1,720

Q.10 Simplify: $\sqrt{191 + \sqrt{29 - \sqrt{82 - 66}}}$

- Ans ☐ 1. 16
☒ 2. 14
☐ 3. 15
☐ 4. 13

Q.11 Simplify: $\left(\frac{9}{16}\right)^5 \div (81)^2 \times \left(\frac{25}{9}\right)^3$

- Ans ☒ 1. $(3)^{-4} (5)^6 (4)^{-10}$
☐ 2. $(3)^{-3} (5)^6 (4)^{-10}$
☐ 3. $(3)^{-3} (5)^5 (4)^{-9}$
☐ 4. $(3)^{-3} (5)^6 (4)^{-9}$

Q.12 The difference between Tarun's expenditure and savings is ₹1,600. If his total income is ₹5,000, then what is his expenditure?

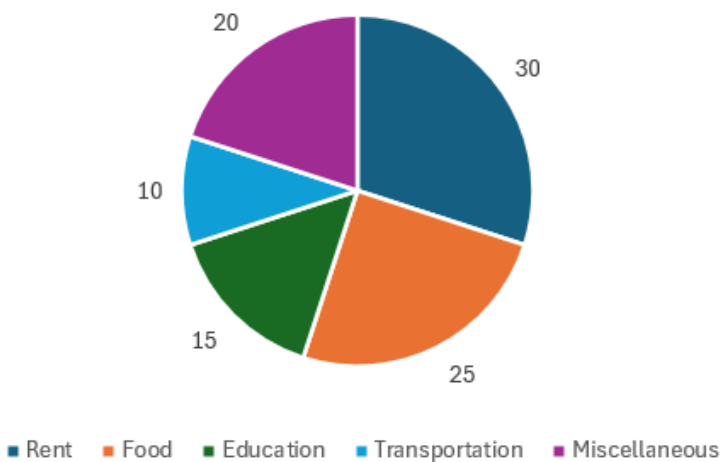
- Ans ☐ 1. ₹1,650
☐ 2. ₹1,700
☐ 3. ₹3,400
☒ 4. ₹3,300

Q.13 Find the ratio between two numbers such that one of the numbers is 68, their HCF is 34, and their LCM is 204.

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

Q.14 The pie chart shows the percentage-wise distribution of a family's monthly household expenses. If the family's total monthly income is ₹40,000, and they spend all of it, how much is spent on Rent?

Monthly Household Expenses of a Family (in %)



- Ans
- ☒ 1. ₹15,000
 - ☒ 2. ₹12,000
 - ☒ 3. ₹8,000
 - ☒ 4. ₹10,000

Q.15 A vendor sold 28 chocolates for a rupee, thereby gaining 75%. How many did he buy for a rupee?

- Ans
- ☒ 1. 49
 - ☒ 2. 53
 - ☒ 3. 51
 - ☒ 4. 55

Q.16 The monthly income of Hari was ₹12,000 and his monthly expenditure was ₹7,000. Next year, his income increased by 15% and his expenditure by 5%. What was the percentage increase in his saving?

- Ans
- ☒ 1. 34%
 - ☒ 2. 32%
 - ☒ 3. 31%
 - ☒ 4. 29%

Q.17 The average of three consecutive numbers is 9. Find the smallest number.

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

Q.18 In what duration (in years) will ₹4,800 fetch a simple interest of ₹720 at 5% per annum rate of interest?

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

Q.19 Priya's test scores in four tests are 74, 80, 92, and 98. What score must she get on her fifth test to have an average of 85?

- Ans**
- ☐ 1. 82
 - ☐ 2. 80
 - ☐ 3. 79
 - ☒ 4. 81

Q.20 Veer has ₹1,722 with him. He divided it between his two sons, Nitin and Pravin, and asked them to invest it at 5% rate of interest compounded annually. It was seen that Nitin and Pravin got the same amount after 17 and 18 years, respectively. How much (in ₹) did Veer give to Nitin?

- Ans**
- ☐ 1. 940
 - ☐ 2. 840
 - ☐ 3. 732
 - ☒ 4. 882

Section : **Arithmetical and Numerical Ability**1

Q.1 The diagonals of a rhombus are 18 cm and 25 cm. A square is constructed whose area is equal to that of the rhombus. What is the side of the square?

- Ans**
- ☒ 1. 15 cm
 - ☐ 2. 18.5 cm
 - ☐ 3. 21.5 cm
 - ☐ 4. 25 cm

Q.2 If the lengths of the sides of a triangle are 8 cm, 12 cm, and 18 cm, and a fourth proportional to these numbers is used as the length of a side of a similar triangle, what is the length of the corresponding side in the similar triangle?

- Ans**
- ☐ 1. 24 cm
 - ☐ 2. 21 cm
 - ☐ 3. 30 cm
 - ☒ 4. 27 cm

Q.3 The speed of a boat downstream is 35 km/h, and the speed of the current is 7 km/h. Find the total time taken by the boat to cover 105 km upstream and 105 km downstream.

- Ans**
- ☐ 1. 7 hours 54 minutes
 - ☒ 2. 8 hours
 - ☐ 3. 6 hours 38 minutes
 - ☐ 4. 6 hours

Q.4 A solid cylinder of height 252 cm and base diameter of 14 cm is melted and reshaped into a solid sphere. What is the diameter of the sphere?

- Ans
- ☐ 1. 28 cm
 - ☐ 2. 42 cm
 - ☒ 3. 21 cm
 - ☐ 4. 35 cm

Q.5 A, B, and C invested ₹70,000, ₹50,000, and ₹80,000 respectively in a business. After 4 months, B withdrew all his money and A added ₹30,000 more. If the annual profit is ₹2,10,000, what is C's share of the profit?

- Ans
- ☐ 1. ₹98,000
 - ☐ 2. ₹84,000
 - ☒ 3. ₹90,000
 - ☐ 4. ₹1,05,000

Q.6 Rajeev starts from A to B at 6:00 AM at a speed of 60 km/hr. After 2 hours, Suresh starts from B towards A at a speed of 80 km/hr. The distance between A and B is 750 km. At what time will they meet?

- Ans
- ☐ 1. 1:30 PM
 - ☐ 2. 1:00 PM
 - ☒ 3. 12:30 PM
 - ☐ 4. 2:00 PM

Q.7 The selling price of an article is ₹540, and the profit earned is one-fifth of the cost price. What is the gain per cent?

- Ans
- ☐ 1. 15%
 - ☐ 2. 25%
 - ☐ 3. 18%
 - ☒ 4. 20%

Q.8 A can complete a task in 21 days and B can do the same task in 28 days. They started working together but B left after 4 days. In how many days, A alone can finish the remaining task?

- Ans
- ☐ 1. 13
 - ☒ 2. 14
 - ☐ 3. 12
 - ☐ 4. 10

Q.9 Pipes P, Q, and R can fill a tank in 24, 36, and 48 hours, respectively. The tank is initially empty. Pipe P is opened for 3 hours, then closed. Then pipe Q is opened for 5 hours and then closed. How many hours will pipe R alone take to fill the remaining portion of the tank?

- Ans
- ☐ 1. 36 hours
 - ☐ 2. 34 hours
 - ☐ 3. $33\frac{1}{3}$ hours
 - ☒ 4. $35\frac{1}{3}$ hours

Q.10 A train 120 m long passes a platform 280 m long in 20 sec. Find the speed of the train (in km/hr).

- Ans
- ☐ 1. 65
 - ☐ 2. 63
 - ☒ 3. 72
 - ☐ 4. 70

Q.11 What is the effective discount percentage, if Ananya offers a scheme 'Buy 8 Rakhis and Get 2 Free' on the occasion of Raksha Bandhan?

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

Q.12 P can do a task in the same time in which Q and R together can do it. If P and Q together could do the same task in 20 days and R alone can do it in 60 days, then Q alone can do it in how many days?

- Ans**
- ☒ 1. 60 days
 - ☐ 2. 20 days
 - ☐ 3. 50 days
 - ☐ 4. 40 days

Q.13 The cost price of an item is ₹6.00. If another 12% of the cost price is incurred in selling the item, what should be the retail price in order to gain a profit of 25% on the total cost price?

- Ans**
- ☐ 1. ₹8.50
 - ☐ 2. ₹7.80
 - ☐ 3. ₹8.00
 - ☒ 4. ₹8.22

Q.14 A park is in the shape of a trapezium with parallel sides measuring 40 m and 28 m, and the distance between the parallel sides being 16 m. If a rectangular flower bed of length 10 m and width 4 m is to be built within the park, what will be the remaining area of the park after constructing the bed?

- Ans**
- ☐ 1. 510 m²
 - ☐ 2. 540 m²
 - ☐ 3. 530 m²
 - ☒ 4. 504 m²

Q.15 A recipe for 6 people requires 300 grams of rice and 180 grams of lentils. How many grams of lentils would be needed for 10 people, keeping the same proportion?

- Ans**
- ☐ 1. 280 grams
 - ☐ 2. 320 grams
 - ☐ 3. 250 grams
 - ☒ 4. 300 grams

Q.16 An electric heater is listed at ₹15,250. A dealer receives a trade discount of 15% and a cash discount of 4% on the already discounted amount. Find the final amount the dealer has to pay (in ₹).

- Ans**
- ☐ 1. 12,124
 - ☐ 2. 12,414
 - ☐ 3. 12,224
 - ☒ 4. 12,444

Q.17 If $p : q = 3 : 7$ and $q : r = 5 : 7$ and $r = 196$, then find the value of $(2p + 3q)$.

- Ans**
- ☒ 1. 540
 - ☐ 2. 595
 - ☐ 3. 456
 - ☐ 4. 640

Q.18 Working alone, A can do a work in 8 days, B in 12 days, and C in 16 days. If they work together and earn ₹9,360, what is C's share?

- Ans**
- ☒ 1. ₹2,300
 - ☒ 2. ₹2,100
 - ☒ 3. ₹2,360
 - ☒ 4. ₹2,160

Q.19 Chanchal travels from Chandigarh to Shimla at a speed of 64 km/hr and returns from Shimla to Chandigarh at a speed of 48 km/hr. What is Chanchal's average speed (in km/hr) during her entire journey (rounded off to two decimal places)?

- Ans**
- ☒ 1. 52.86
 - ☒ 2. 50.68
 - ☒ 3. 54.86
 - ☒ 4. 48.68

Q.20 The inner radius of a cylindrical pipe is 7 cm, and its height is 40 cm. Find the volume of water it can hold.

- Ans**
- ☒ 1. $1840\pi\text{ cm}^3$
 - ☒ 2. $1960\pi\text{ cm}^3$
 - ☒ 3. $2060\pi\text{ cm}^3$
 - ☒ 4. $1990\pi\text{ cm}^3$

Section : Test of English Language and Comprehension

Q.1 Choose the appropriate article which completes the sentence. If the sentence is correct as is, choose 'No article required'.

The man had to select ____ heir for his business. 2258

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

Q.2 Select the most appropriate option to fill in the blank.

During the presentation, he demonstrated __ innovative solution to the problem.1362

- Ans**
- ☒ 1. None
 - ☒ 2. an
 - ☒ 3. the
 - ☒ 4. a

Q.3 A sentence with a grammatical error is given. From the given options, select the sentence which is error-free and grammatically correct.
Some traditions have come down to us for our early centuries.4131

- Ans**
- ☒ 1. Some traditions have come down to us from our early centuries.
 - ☒ 2. Some traditions have come down to us in our early centuries.
 - ☒ 3. Some traditions have come down to us at our early centuries.
 - ☒ 4. Some traditions have come down to us with our early centuries.

Q.4 Parts of a sentence are given below. The first part (A) is in the correct order, while the other parts of the sentence are jumbled up. Arrange the parts in the correct order to form a meaningful and coherent sentence.

- A. The speaker concluded
- B. with an appeal
- C. against apathy
- D. to act
- E. urging citizens

Ans  1. BDCE
 2. BDEC
 3. ECBD
 4. BEDC

Q.5 Choose the correct article from the given options to complete the sentence.
I want to adopt ____ cat from the animal adoption centre.¹⁴²⁴

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

Q.6 Identify the error in the sentence and select the best correction:
"She graduated in honours from the prestigious university." ²²⁷⁷

Ans  1. She graduated at honours from the prestigious university.
 2. She graduated with honours from the prestigious university.
 3. She graduated by honours from the prestigious university.
 4. She graduated on honours from the prestigious university.

Q.7 Choose the word that best completes the sentence.

By the time the committee reaches a consensus, several key opportunities may already ____.

Ans  1. lapse
 2. have lapsed
 3. lapsed
 4. be lapsing

Q.8 Fill in the blank choosing the correct option.

The children were frightened when they saw ____ snake in the garden.¹³⁸⁰

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

Q.9 Select the correct option to complete the given sentence.
Agatha and Mohan were married _____ 2020.

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

Q.10 Complete the following sentence with the most appropriate option.

To maintain fairness, feedback was collected separately from ____ student after the workshop.

- Ans**
- ☒ 1. every
 - ☒ 2. each
 - ☐ 3. any
 - ☐ 4. all

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

Although he spoke ____, his message was clearly understood by everyone in the auditorium.

- Ans**
- ☒ 1. softly
 - ☐ 2. dreamily
 - ☐ 3. famously
 - ☐ 4. evenly

Q.12 In the given question, sentences of a paragraph are given in a jumbled order. Rearrange all the sentences to form a coherent paragraph.

- A. People have traditionally worked out their dog's age in 'human years' by multiplying by seven.
- B. However, researchers at the University of California San Diego School of Medicine in the USA have come up with a new formula.
- C. They say it more precisely determines canine age, and it requires a little more than simple mental arithmetic to work out a dog's age.
- D. For decades, dog lovers have been incorrectly calculating the age of their pet pooches.

- Ans**
- ☒ 1. DABC
 - ☐ 2. ADCB
 - ☐ 3. BADC
 - ☐ 4. CDAB

Q.13 Choose the most appropriate option to substitute the underlined word segment in the given sentence.

After reviewing all the evidence and discussing the case in detail, the committee was finally able to arrive a conclusion about the project's feasibility.

- Ans**
- ☐ 1. to reach at a conclusion
 - ☐ 2. to make a conclusion
 - ☒ 3. to arrive at a conclusion
 - ☐ 4. to deduce at conclusion

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

If he ____ harder, he would have passed the exam.

- Ans**
- ☒ 1. had studied
 - ☐ 2. studies
 - ☐ 3. studied
 - ☐ 4. would study

Q.15 Complete the given sentence, choosing your answer from the options provided.

My friends disagreed _____ me on that topic.

- Ans
1. by

2. about

3. for

4. with

Comprehension:

Read the passage carefully and answer the questions that follow.

Every evening, Rafi would sit on the rooftop of his small house and write letters addressed to the wind. They weren't posted anywhere, just folded neatly and tied to a piece of string that fluttered in the breeze. His neighbours called it strange, but Rafi believed the wind carried messages to those we couldn't reach. One day, a girl named Tara moved into the building next door. Curious, she read one of his letters caught on a tree branch. It was a note to his sister, who had passed away two years earlier. Touched, Tara wrote back—not as the sister, but as a friend. They started exchanging notes this way, tied to strings or hidden behind pots. What began as silent mourning slowly turned into healing. Rafi no longer wrote to the wind alone. His grief had found a listener. And sometimes, that's all we need to feel understood.

SubQuestion No : 16

Q.16 What unusual habit did Rafi have?

Comprehension:

Read the passage carefully and answer the questions that follow.

Every evening, Rafi would sit on the rooftop of his small house and write letters addressed to the wind. They weren't posted anywhere, just folded neatly and tied to a piece of string that fluttered in the breeze. His neighbours called it strange, but Rafi believed the wind carried messages to those we couldn't reach. One day, a girl named Tara moved into the building next door. Curious, she read one of his letters caught on a tree branch. It was a note to his sister, who had passed away two years earlier. Touched, Tara wrote back—not as the sister, but as a friend. They started exchanging notes this way, tied to strings or hidden behind pots. What began as silent mourning slowly turned into healing. Rafi no longer wrote to the wind alone. His grief had found a listener. And sometimes, that's all we need to feel understood.

SubQuestion No : 17

Q.17 Why did Rafi continue writing even though no one responded initially?

Comprehension:

Read the passage carefully and answer the questions that follow.

Every evening, Rafi would sit on the rooftop of his small house and write letters addressed to the wind. They weren't posted anywhere, just folded neatly and tied to a piece of string that fluttered in the breeze. His neighbours called it strange, but Rafi believed the wind carried messages to those we couldn't reach. One day, a girl named Tara moved into the building next door. Curious, she read one of his letters caught on a tree branch. It was a note to his sister, who had passed away two years earlier. Touched, Tara wrote back—not as the sister, but as a friend. They started exchanging notes this way, tied to strings or hidden behind pots. What began as silent mourning slowly turned into healing. Rafi no longer wrote to the wind alone. His grief had found a listener. And sometimes, that's all we need to feel understood.

SubQuestion No : 18

Q.18 What is the central theme of the passage?

Comprehension:

Read the passage carefully and answer the questions that follow.

Every evening, Rafi would sit on the rooftop of his small house and write letters addressed to the wind. They weren't posted anywhere, just folded neatly and tied to a piece of string that fluttered in the breeze. His neighbours called it strange, but Rafi believed the wind carried messages to those we couldn't reach. One day, a girl named Tara moved into the building next door. Curious, she read one of his letters caught on a tree branch. It was a note to his sister, who had passed away two years earlier. Touched, Tara wrote back—not as the sister, but as a friend. They started exchanging notes this way, tied to strings or hidden behind pots. What began as silent mourning slowly turned into healing. Rafi no longer wrote to the wind alone. His grief had found a listener. And sometimes, that's all we need to feel understood.

SubQuestion No : 19

Q.19 Choose the closest synonym of 'fluttered' as used in the line: 'tied to a piece of string that fluttered in the breeze'.

Comprehension:

Read the passage carefully and answer the questions that follow.

Every evening, Rafi would sit on the rooftop of his small house and write letters addressed to the wind. They weren't posted anywhere, just folded neatly and tied to a piece of string that fluttered in the breeze. His neighbours called it strange, but Rafi believed the wind carried messages to those we couldn't reach. One day, a girl named Tara moved into the building next door. Curious, she read one of his letters caught on a tree branch. It was a note to his sister, who had passed away two years earlier. Touched, Tara wrote back—not as the sister, but as a friend. They started exchanging notes this way, tied to strings or hidden behind pots. What began as silent mourning slowly turned into healing. Rafi no longer wrote to the wind alone. His grief had found a listener. And sometimes, that's all we need to feel understood.

SubQuestion No : 20

Q.20 Which is the most suitable title for the passage?

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

Q.1 Select the most appropriate option that can be used as a one-word substitute for the highlighted segment in the given sentence.

The award was given for his ability to use words in a clever and effective way.

- Ans
- ☒ 1. eloquence
 - ☐ 2. literacy
 - ☐ 3. expression
 - ☐ 4. artistry

Q.2 A sentence is divided into the following different segments. Rearrange all the segments to form a coherent sentence.

to promote plant growth by enriching (A) / the soil with essential nutrients that (B) / ammonia is widely used in fertilizers (C) / support healthy crop development (D)

- Ans
- ☐ 1. ABCD
 - ☐ 2. DCAB
 - ☐ 3. BCDA
 - ☒ 4. CABD

Q.3 What is the correct meaning of the proverb 'A hungry man is an angry man'?

- Ans
- ☐ 1. Angry people usually skip meals
 - ☐ 2. People who eat too much become lazy
 - ☐ 3. Hunger always leads to physical weakness only
 - ☒ 4. Hunger makes a person easily irritated or aggressive

Q.4 Find out the antonym of "impeccable".

- Ans
- ☒ 1. sinful
 - ☐ 2. ordinary
 - ☐ 3. permanent
 - ☐ 4. blissful

Q.5 Choose the antonym of the highlighted word in the sentence.

The artist's work was praised for its meticulous detail.

- Ans
- ☒ 1. Careless
 - ☐ 2. Cautious
 - ☐ 3. Accurate
 - ☐ 4. Precise

Q.6 Find the meaning of the word " Astound".

- Ans**
- ☐ 1. supreme
 - ☒ 2. surprise
 - ☐ 3. demise
 - ☐ 4. surmount

Q.7 Identify and correct the incorrectly spelt word in the given sentence.

If it wasn't, madam, for this awful, execruciating palpitation, if my whole inside wasn't upset, I'd talk to you in a different way!

- Ans**
- ☐ 1. palpetation
 - ☐ 2. awful
 - ☒ 3. excruciating
 - ☐ 4. differant

**Q.8 Identify the correct meaning of the given idiom.
Kill two birds with one stone.**

- Ans**
- ☐ 1. To avoid making a difficult decision
 - ☐ 2. To waste time doing unimportant tasks
 - ☒ 3. To succeed in achieving two things in a single action
 - ☐ 4. To act without thinking of the consequences

Q.9 What does the following proverb suggest?

Where there's a will, there's a way.

- Ans**
- ☐ 1. Wills help divide property.
 - ☒ 2. Determination leads to success.
 - ☐ 3. Only wealthy people succeed.
 - ☐ 4. There is always a shortcut.

**Q.10 Select the option that can be used as a one-word substitute for the given sentence.
He is able to see both sides of an argument impartially, never allowing personal bias to influence his judgement.**

- Ans**
- ☐ 1. neutral
 - ☒ 2. objective
 - ☐ 3. rational
 - ☐ 4. equitable

Q.11 Choose an option that can be a substitute for the given phrase.

One who is new to a profession

5986

- Ans**
- ☒ 1. Novice
 - ☐ 2. Linguist
 - ☐ 3. Connoisseur
 - ☐ 4. Bilingual

**Q.12 Select the appropriate term (one word) for the given expression.
A group of things that have been hidden in a secret place9**

- Ans**
- ☒ 1. Cache
 - ☐ 2. Sachet
 - ☐ 3. Ditch
 - ☐ 4. Dabbler

Q.13 Proverb: You can't wake a person who is pretending to sleep.
What does this proverb imply?

- Ans**
- ☐ 1. People will always resist waking early.
 - ☒ 2. It is useless to reason with someone who refuses to understand.
 - ☐ 3. Sleep is deeper when it is faked.
 - ☐ 4. Pretending leads to self-deception.

Q.14 Choose the synonym of 'Sloth'.

- Ans**
- ☐ 1. Focus
 - ☒ 2. Laziness
 - ☐ 3. Joy
 - ☐ 4. Speed

Q.15 Select the option that rectifies the INCORRECTLY spelt word underlined in the given sentence.

The scientist's hypothisis was tested rigorously.

- Ans**
- ☐ 1. Hypothaysis
 - ☐ 2. Hipothasis
 - ☒ 3. Hypothesis
 - ☐ 4. Hypothasis

Comprehension:

Read the passage carefully and answer the questions that follow.

The old playground on Nila Street was once filled with laughter, skipping ropes, and the bouncing of footballs. For many years, it was the heart of the neighborhood, where children played and friendships were made. But slowly, things changed. The swings rusted, the slide cracked, and the once-green field turned to dry earth. As tall apartment buildings rose nearby, the open spaces shrank. Parents, concerned about safety and traffic, began keeping their children indoors. Today, children turn to screens instead of swings, and friendships grow more virtual than real. The air is quieter, but the silence isn't joyful. "Even the quarrels were lively," says Mrs. Meena, a retired teacher who lives nearby. She and a few others have started petitioning the local council for a new public park. Whether the sound of children's laughter will return depends on how much the community values shared spaces and childhood joy.

SubQuestion No : 16

Q.16 What physical changes occurred to the playground over time?

Comprehension:

Read the passage carefully and answer the questions that follow.

The old playground on Nila Street was once filled with laughter, skipping ropes, and the bouncing of footballs. For many years, it was the heart of the neighborhood, where children played and friendships were made. But slowly, things changed. The swings rusted, the slide cracked, and the once-green field turned to dry earth. As tall apartment buildings rose nearby, the open spaces shrank. Parents, concerned about safety and traffic, began keeping their children indoors. Today, children turn to screens instead of swings, and friendships grow more virtual than real. The air is quieter, but the silence isn't joyful. "Even the quarrels were lively," says Mrs. Meena, a retired teacher who lives nearby. She and a few others have started petitioning the local council for a new public park. Whether the sound of children's laughter will return depends on how much the community values shared spaces and childhood joy.

SubQuestion No : 17

Q.17 Why did children begin spending more time indoors?

Comprehension:

Read the passage carefully and answer the questions that follow.

The old playground on Nila Street was once filled with laughter, skipping ropes, and the bouncing of footballs. For many years, it was the heart of the neighborhood, where children played and friendships were made. But slowly, things changed. The swings rusted, the slide cracked, and the once-green field turned to dry earth. As tall apartment buildings rose nearby, the open spaces shrank. Parents, concerned about safety and traffic, began keeping their children indoors. Today, children turn to screens instead of swings, and friendships grow more virtual than real. The air is quieter, but the silence isn't joyful. "Even the quarrels were lively," says Mrs. Meena, a retired teacher who lives nearby. She and a few others have started petitioning the local council for a new public park. Whether the sound of children's laughter will return depends on how much the community values shared spaces and childhood joy.

SubQuestion No : 18

Q.18 What is the central theme of the passage?

Comprehension:

Read the passage carefully and answer the questions that follow.

The old playground on Nila Street was once filled with laughter, skipping ropes, and the bouncing of footballs. For many years, it was the heart of the neighborhood, where children played and friendships were made. But slowly, things changed. The swings rusted, the slide cracked, and the once-green field turned to dry earth. As tall apartment buildings rose nearby, the open spaces shrank. Parents, concerned about safety and traffic, began keeping their children indoors. Today, children turn to screens instead of swings, and friendships grow more virtual than real. The air is quieter, but the silence isn't joyful. "Even the quarrels were lively," says Mrs. Meena, a retired teacher who lives nearby. She and a few others have started petitioning the local council for a new public park. Whether the sound of children's laughter will return depends on how much the community values shared spaces and childhood joy.

SubQuestion No : 19

Q.19 Choose the synonym of "petitioning" as used in the sentence.

"She and a few others have started petitioning the local council..."

Comprehension:

Read the passage carefully and answer the questions that follow.

The old playground on Nila Street was once filled with laughter, skipping ropes, and the bouncing of footballs. For many years, it was the heart of the neighborhood, where children played and friendships were made. But slowly, things changed. The swings rusted, the slide cracked, and the once-green field turned to dry earth. As tall apartment buildings rose nearby, the open spaces shrank. Parents, concerned about safety and traffic, began keeping their children indoors. Today, children turn to screens instead of swings, and friendships grow more virtual than real. The air is quieter, but the silence isn't joyful. "Even the quarrels were lively," says Mrs. Meena, a retired teacher who lives nearby. She and a few others have started petitioning the local council for a new public park. Whether the sound of children's laughter will return depends on how much the community values shared spaces and childhood joy.

SubQuestion No : 20

Q.20 Which of the following would be the most suitable title for the passage?

Section : Test of Hindi Language and Comprehension

Q.1 दिए गए वाक्यों में से पूर्ण रूप से शुद्ध वाक्य का चयन कीजिए।

- Ans**
- ☒ 1. अह सवाल उससे पूछ लो।
 - ☒ 2. यह सवाल उससे पूछ लो।
 - ☒ 3. यह सवाल उससे पूछ लो।
 - ☒ 4. यह सवाल उससे पूछ लो।

Q.2 उपयुक्त 'क्रिया' का चयन कर नीचे दिए गए वाक्य को पूर्ण कीजिए।
'रेहाना रोज शाम को गाना है।'

- Ans**
- ☒ 1. उड़ती
 - ☒ 2. खाती
 - ☒ 3. सिलती
 - ☒ 4. गाती

Q.3 अधिकरण कारक के प्रयोग से वाक्य को पूर्ण कीजिए।
"मछलियाँ जल रहती हैं।"

- Ans**
- ☒ 1. पर
 - ☒ 2. में
 - ☒ 3. की
 - ☒ 4. के लिए

Q.4 उपयुक्त कारक का चयनकर दिए गए वाक्य को पूर्ण कीजिए।
रिम्पी गुड्डेबात कर रही है।

- Ans**
- ☒ 1. से
 - ☒ 2. ऊपर
 - ☒ 3. को
 - ☒ 4. के लिए

Q.5 दिए गए वाक्यों के लिखने का सही क्रम चुनें-

- (1) मेरा हाथ उसके चेहरे के पास आता है।
- (2) उसके शरीर में एक कंपन होता है।
- (3) चेहरे की नसें तन जाती हैं।
- (4) उसकी आंखें भी झपकने लगती हैं।

Ans ☒ 1. 1234

☐ 2. 3241

☐ 3. 2134

☐ 4. 4231

Q.6 दिए गए वाक्यों के लिखने का सही क्रम चुनें-

- (1) सास-ससुर और देवर के सामने उसकी पेशी हुई थी।
- (2) ऊपर के कमरे में परिवार के लोगों की मीटिंग जमी थी।
- (3) अभियोग तो स्वतः प्रमाणित था।
- (4) घर से उसके निष्कासन पर सभी एकमत थे।

Ans ☐ 1. 1324

☒ 2. 2134

☐ 3. 2341

☐ 4. 1243

Q.7 निम्न में से 'सोने का कमरा' वाक्यांश के लिए सार्थक शब्द चुनिए।

Ans ☐ 1. बैठक

☐ 2. स्नानघर

☒ 3. शयनकक्ष

☐ 4. रसोई घर

Q.8 निम्नलिखित विकल्पों में से अतिरिक्त वाक्य का चयन करें।

अ. संजय दत्त हिन्दी सिनेमा के प्रसिद्ध अभिनेता हैं।

ब. इनके पिता का नाम सुनील दत्त है।

स. सुनील दत्त की शादी नरगिस से हुई थी।

द. तमन्ना भाटिया का संबंध भी हिन्दी सिनेमा से है।

Ans ☐ 1. स

☒ 2. द

☐ 3. अ

☐ 4. ब

Q.9 'चित भी मेरी पट भी मेरी' लोकोक्ति का अर्थ क्या है?

Ans ☐ 1. स्वाद के लिए नुकसान मोल लेना।

☒ 2. हर हालत में मेरा ही लाभ।

☐ 3. जिसको सब कुछ मालूम हो।

☐ 4. भिखारी होकर अकड़ना।

Q.10 'मान न मान मैं तेरा मेहमान' लोकोक्ति का सही अर्थ है -

Ans ☐ 1. बहुत बड़ा घाटा

☒ 2. जबरदस्ती किसी के गले पड़ना

☐ 3. काम साधारण, खर्च अधिक

☐ 4. पराधीनता में सुख नहीं

Q.11 'जिसको पत्नी का साथ न हो' वाक्यांश के लिए सार्थक शब्द है-

Ans ☐ 1. विधवा

☐ 2. वाचाल

☐ 3. विरक्ति

☒ 4. विपत्नीक

Q.12 निम्नलिखित विकल्पों में से तीन सरल वाक्य हैं, एक अतिरिक्त है, उसे बताएं -

- Ans
- ☐ 1. मुझे उसकी ईमानदारी पर संदेह है।
 - ☐ 2. यह सब मेरी अनुपस्थिति में हुआ।
 - ☐ 3. वह सेना में भर्ती होने योग्य नहीं है।
 - ☒ 4. उसे डर था कि वह मारा जाएगा।

Q.13 निम्नलिखित विकल्पों में से उपयुक्त क्रिया-विशेषण का चयन कर रिक्त स्थान की पूर्ति कीजिए-
'महेश _____ विद्यालय नहीं जाता है।'

- Ans
- ☐ 1. कहाँ
 - ☒ 2. कभी
 - ☐ 3. जभी
 - ☐ 4. तब

Q.14 दिए गए वाक्यों के लिखने का सही क्रम चुनें-
(1)अनुशासन जीवन का आधार स्तंभ है।
(2)इसका महत्त्व विद्यार्थियों के लिए और भी अधिक है।
(3)यह मनुष्य के जीवन को सरल करता है।
(4)इससे मनुष्य अपने लक्ष्य को आसानी से पा सकता है।

- Ans
- ☐ 1. 3421
 - ☒ 2. 1342
 - ☐ 3. 4123
 - ☐ 4. 4312

Q.15 निम्न वाक्य के रिक्त स्थान में कर्ता कारक चिह्न का प्रयोग कर वाक्य पूर्ण करें -
'मैं उसे इशारा किया ; मगर वह बोलता ही चला गया'

- Ans
- ☐ 1. से
 - ☐ 2. में
 - ☐ 3. को
 - ☒ 4. ने

Comprehension:

गद्यांश के आधार पर निम्न प्रश्नों का उत्तर दें।
जल ही जीवन है। जल के बिना मनुष्य, पशु-पक्षी और पौधों का जीवन असंभव है। पृथ्वी पर जितना जल उपलब्ध है, उसका बहुत कम भाग ही पीने योग्य है। बढ़ती जनसंख्या, प्रदूषण और जल का दुरुपयोग इस संकट को और भी गंभीर बना रहे हैं। यदि हम समय रहते जल संरक्षण के उपाय नहीं करेंगे, तो आने वाली पीढ़ियाँ पानी की बूंद-बूंद के लिए तरस जाएँगी। हमें वर्षा जल संचयन, कम पानी की खपत वाले उपकरणों का उपयोग तथा जागरूकता फैलाकर इस कीमती संसाधन की रक्षा करनी चाहिए।

SubQuestion No : 16

Q.16 "संकट" शब्द का विलोम शब्द क्या होगा?

Comprehension:

गद्यांश के आधार पर निम्न प्रश्नों का उत्तर दें।
जल ही जीवन है। जल के बिना मनुष्य, पशु-पक्षी और पौधों का जीवन असंभव है। पृथ्वी पर जितना जल उपलब्ध है, उसका बहुत कम भाग ही पीने योग्य है। बढ़ती जनसंख्या, प्रदूषण और जल का दुरुपयोग इस संकट को और भी गंभीर बना रहे हैं। यदि हम समय रहते जल संरक्षण के उपाय नहीं करेंगे, तो आने वाली पीढ़ियाँ पानी की बूंद-बूंद के लिए तरस जाएँगी। हमें वर्षा जल संचयन, कम पानी की खपत वाले उपकरणों का उपयोग तथा जागरूकता फैलाकर इस कीमती संसाधन की रक्षा करनी चाहिए।

SubQuestion No : 17

Q.17 पीने योग्य जल का भाग कैसा है?

Comprehension:

गद्यांश के आधार पर निम्न प्रश्नों का उत्तर दें।
जल ही जीवन है। जल के बिना मनुष्य, पशु-पक्षी और पौधों का जीवन असंभव है। पृथ्वी पर जितना जल उपलब्ध है, उसका बहुत कम भाग ही पीने योग्य है। बढ़ती जनसंख्या, प्रदूषण और जल का दुरुपयोग इस संकट को और भी गंभीर बना रहे हैं। यदि हम समय रहते जल संरक्षण के उपाय नहीं करेंगे, तो आने वाली पीढ़ियाँ पानी की बूंद-बूंद के लिए तरस जाएँगी। हमें वर्षा जल संचयन, कम पानी की खपत वाले उपकरणों का उपयोग तथा जागरूकता फैलाकर इस कीमती संसाधन की रक्षा करनी चाहिए।

SubQuestion No : 18

Q.18 जल संकट को कौन-से कारण और भी गंभीर बना रहे हैं?

Comprehension:

गद्यांश के आधार पर निम्न प्रश्नों का उत्तर दें।
जल ही जीवन है। जल के बिना मनुष्य, पशु-पक्षी और पौधों का जीवन असंभव है। पृथ्वी पर जितना जल उपलब्ध है, उसका बहुत कम भाग ही पीने योग्य है। बढ़ती जनसंख्या, प्रदूषण और जल का दुरुपयोग इस संकट को और भी गंभीर बना रहे हैं। यदि हम समय रहते जल संरक्षण के उपाय नहीं करेंगे, तो आने वाली पीढ़ियाँ पानी की बूंद-बूंद के लिए तरस जाएँगी। हमें वर्षा जल संचयन, कम पानी की खपत वाले उपकरणों का उपयोग तथा जागरूकता फैलाकर इस कीमती संसाधन की रक्षा करनी चाहिए।

SubQuestion No : 19

Q.19 भविष्य में क्या हो सकता है यदि हम जल नहीं बचाएंगे?

Comprehension:

गद्यांश के आधार पर निम्न प्रश्नों का उत्तर दें।
जल ही जीवन है। जल के बिना मनुष्य, पशु-पक्षी और पौधों का जीवन असंभव है। पृथ्वी पर जितना जल उपलब्ध है, उसका बहुत कम भाग ही पीने योग्य है। बढ़ती जनसंख्या, प्रदूषण और जल का दुरुपयोग इस संकट को और भी गंभीर बना रहे हैं। यदि हम समय रहते जल संरक्षण के उपाय नहीं करेंगे, तो आने वाली पीढ़ियाँ पानी की बूंद-बूंद के लिए तरस जाएँगी। हमें वर्षा जल संचयन, कम पानी की खपत वाले उपकरणों का उपयोग तथा जागरूकता फैलाकर इस कीमती संसाधन की रक्षा करनी चाहिए।

SubQuestion No : 20

Q.20 "संरक्षण" शब्द का पर्यायवाची शब्द क्या है?

Section : Test of Hindi Language and Comprehension1

Q.1 'जहाँ मुर्ग नहीं होता, क्या वहाँ सबेरा नहीं होता' लोकोक्ति का सही अर्थ है -

- Ans
- ☒ 1. बनावटी दुख प्रकट करना
 - ☒ 2. अपनी परिस्थिति से संतुष्ट रहना
 - ☒ 3. किसी के बिना काम रुकता नहीं है
 - ☒ 4. अभी तुम बच्चे हो, अनजान हो

Q.2 निम्न में से 'दामाद ' शब्द का तत्सम रूप कौन-सा है ?

- Ans
- ☒ 1. धात्री
 - ☒ 2. दमन
 - ☒ 3. दक्षिण
 - ☒ 4. जामाता

Q.3 वर्तनी के आधार पर दिए गए वाक्य के किस भाग में त्रुटि है?
महामारी ने अभूतपूर्व परिस्थिती उत्पन्न कर दी।

- Ans
- ☒ 1. परिस्थिती
 - ☒ 2. अभूतपूर्व
 - ☒ 3. महामारी ने
 - ☒ 4. उत्पन्न कर दी ।

Q.4 निम्न शब्द का पर्यायवाची शब्द चुनिए ।
अर्जुन

- Ans
- ☒ 1. अजय
 - ☒ 2. पराजय
 - ☒ 3. धनंजय
 - ☒ 4. विजय

Q.5 'सूर' का अनेकार्थी शब्द है-

- Ans
- ☒ 1. निर्मल
 - ☒ 2. दीन
 - ☒ 3. ईश्वर
 - ☒ 4. वीर

Q.6 निम्नलिखित विकल्पों में से कौन सा एक विलोम युग्म अशुद्ध है?

- Ans
- ☐ 1. अमर - मर्त्य
 - ☐ 2. ऐश्वर्य - दारिद्र्य
 - ☐ 3. सामिष - निरामिष
 - ☒ 4. विनय - विनाश

Q.7 वर्तनी के आधार पर दिए गए वाक्य के किस भाग में त्रुटि है?
प्रेमचंद की जन्म शताब्दी पर पत्रिका का विशेष अंक प्रकाशित हुआ।

- Ans
- ☐ 1. प्रेमचंद की
 - ☐ 2. पत्रिका का विशेष
 - ☒ 3. अंक प्रकाशित हुआ
 - ☐ 4. जन्म शताब्दी पर

Q.8 निम्नलिखित में से 'धूम्र' शब्द क्या तद्भव शब्द बताइए ?

- Ans
- ☐ 1. धान
 - ☐ 2. धात्री
 - ☐ 3. धनिका
 - ☒ 4. धुआँ

Q.9 'शहद लगाकर चाटना'- मुहावरे का उपयुक्त अर्थ चुनिए।

- Ans
- ☐ 1. लालच में पड़ जाना
 - ☐ 2. खाने का शौकीन होना
 - ☒ 3. किसी व्यर्थ वस्तु को सहेज कर रखना
 - ☐ 4. बहुत मीठा बोलना

Q.10 निम्नलिखित विकल्पों में अनेकार्थी शब्द है-

- Ans
- ☒ 1. मुद्रा
 - ☐ 2. बोरा
 - ☐ 3. उल्लास
 - ☐ 4. मेढक

Q.11 वर्तनी के आधार पर वाक्य के किस भाग में त्रुटि है?
भेदभाव और अन्याय के कारण समाज में घ्रणा फैलती है।

- Ans
- ☐ 1. और अन्याय के
 - ☐ 2. कारण समाज में
 - ☐ 3. भेदभाव
 - ☒ 4. घ्रणा फैलती है।

Q.12 निम्नलिखित में से कौन सा एक वाक्य वर्तनी की दृष्टि से अशुद्ध है?

- Ans
- ☐ 1. ब्रह्म सत्य है।
 - ☐ 2. गरीब को दान दो ।
 - ☐ 3. गुरुदेव मुझे आशीर्वाद दें।
 - ☒ 4. तुम मेरे हितैसी नहीं हो।

Q.13 निम्न शब्द का विलोम शब्द चुनिए ।
प्राचीन

- Ans
- ☐ 1. चीन
 - ☐ 2. चीनी
 - ☒ 3. अर्वाचीन
 - ☐ 4. समीचीन

Q.14 निम्नलिखित में से कौन सा विलोम -युग्म सही नहीं है?

- Ans
- ☒ 1. बर्बर-सभ्य
 - ☒ 2. प्रेरित-बहुधा
 - ☒ 3. बढ़ना-घटना
 - ☒ 4. बलवान-दुर्बल

Q.15 'न नौ मन तेल होगा न राधा नाचेगी' लोकोक्ति का अर्थ है-

- Ans
- ☒ 1. न पूरी होनेवाली शर्त।
 - ☒ 2. जरूरत भर की चीज।
 - ☒ 3. झूठी बड़ाई।
 - ☒ 4. संयोग से मिलाप हो जाना।

Comprehension:

निर्देश: दिये गए गद्यांश के आधार पर अग्रलिखित प्रश्नों के उत्तर दीजिए।
अपने चारों ओर नजर दौड़ाने पर हमें विभिन्न प्रकार की वस्तुएँ नज़र आती हैं, जिनका आकार, आकृति और बनावट अलग-अलग होता है। इस विश्व में प्रत्येक वस्तु जिस सामग्री से बनी होती है उसे वैज्ञानिकों ने 'पदार्थ' का नाम दिया। जिस हवा में हम श्वास लेते हैं, जो भोजन हम खाते हैं, पत्थर, बादल, तारे, पौधे एवं पशु, यहाँ तक कि पानी की एक बूँद या रेत का एक कण, ये सभी पदार्थ हैं। ध्यान देने योग्य बात यह भी है कि ऊपर लिखी सभी वस्तुओं का द्रव्यमान होता है और ये कुछ स्थान (आयतन) घेरती हैं। प्राचीन काल से ही मनुष्य अपने आस-पास को समझने का प्रयास करता रहा है। भारत के प्राचीन दार्शनिकों ने पदार्थ को पाँच मूल तत्वों में वर्गीकृत किया, जिसे 'पंचतत्व' कहा गया। ये पंचतत्व हैं: वायु, पृथ्वी, अग्नि, जल और आकाश। उनके अनुसार, इन्हीं पंचतत्वों से सभी वस्तुएँ बनी हैं, चाहे वो सजीव हों, या निर्जीव। उस समय के यूनानी दार्शनिकों ने भी पदार्थ को इसी प्रकार वर्गीकृत किया है। आधुनिक वैज्ञानिकों ने पदार्थ को भौतिक गुणधर्म एवं रासायनिक प्रकृति के आधार पर दो प्रकार से वर्गीकृत किया है।

SubQuestion No : 16

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

Comprehension:

निर्देश: दिये गए गद्यांश के आधार पर अग्रलिखित प्रश्नों के उत्तर दीजिए।
अपने चारों ओर नजर दौड़ाने पर हमें विभिन्न प्रकार की वस्तुएँ नज़र आती हैं, जिनका आकार, आकृति और बनावट अलग-अलग होता है। इस विश्व में प्रत्येक वस्तु जिस सामग्री से बनी होती है उसे वैज्ञानिकों ने 'पदार्थ' का नाम दिया। जिस हवा में हम श्वास लेते हैं, जो भोजन हम खाते हैं, पत्थर, बादल, तारे, पौधे एवं पशु, यहाँ तक कि पानी की एक बूँद या रेत का एक कण, ये सभी पदार्थ हैं। ध्यान देने योग्य बात यह भी है कि ऊपर लिखी सभी वस्तुओं का द्रव्यमान होता है और ये कुछ स्थान (आयतन) घेरती हैं। प्राचीन काल से ही मनुष्य अपने आस-पास को समझने का प्रयास करता रहा है। भारत के प्राचीन दार्शनिकों ने पदार्थ को पाँच मूल तत्वों में वर्गीकृत किया, जिसे 'पंचतत्व' कहा गया। ये पंचतत्व हैं: वायु, पृथ्वी, अग्नि, जल और आकाश। उनके अनुसार, इन्हीं पंचतत्वों से सभी वस्तुएँ बनी हैं, चाहे वो सजीव हों, या निर्जीव। उस समय के यूनानी दार्शनिकों ने भी पदार्थ को इसी प्रकार वर्गीकृत किया है। आधुनिक वैज्ञानिकों ने पदार्थ को भौतिक गुणधर्म एवं रासायनिक प्रकृति के आधार पर दो प्रकार से वर्गीकृत किया है।

SubQuestion No : 17

Q.17 गद्यांश में प्रयुक्त शब्द 'निर्जीव' का विलोम शब्द क्या है?

Comprehension:

निर्देश: दिये गए गद्यांश के आधार पर अग्रलिखित प्रश्नों के उत्तर दीजिए।
अपने चारों ओर नजर दौड़ाने पर हमें विभिन्न प्रकार की वस्तुएँ नज़र आती हैं, जिनका आकार, आकृति और बनावट अलग-अलग होता है। इस विश्व में प्रत्येक वस्तु जिस सामग्री से बनी होती है उसे वैज्ञानिकों ने 'पदार्थ' का नाम दिया। जिस हवा में हम श्वास लेते हैं, जो भोजन हम खाते हैं, पत्थर, बादल, तारे, पौधे एवं पशु, यहाँ तक कि पानी की एक बूँद या रेत का एक कण, ये सभी पदार्थ हैं। ध्यान देने योग्य बात यह भी है कि ऊपर लिखी सभी वस्तुओं का द्रव्यमान होता है और ये कुछ स्थान (आयतन) घेरती हैं। प्राचीन काल से ही मनुष्य अपने आस-पास को समझने का प्रयास करता रहा है। भारत के प्राचीन दार्शनिकों ने पदार्थ को पाँच मूल तत्वों में वर्गीकृत किया, जिसे 'पंचतत्व' कहा गया। ये पंचतत्व हैं: वायु, पृथ्वी, अग्नि, जल और आकाश। उनके अनुसार, इन्हीं पंचतत्वों से सभी वस्तुएँ बनी हैं, चाहे वो सजीव हों, या निर्जीव। उस समय के यूनानी दार्शनिकों ने भी पदार्थ को इसी प्रकार वर्गीकृत किया है। आधुनिक वैज्ञानिकों ने पदार्थ को भौतिक गुणधर्म एवं रासायनिक प्रकृति के आधार पर दो प्रकार से वर्गीकृत किया है।

SubQuestion No : 18

Q.18 प्राचीन भारतीय दार्शनिकों के अनुसार पदार्थ के कितने मूल तत्व होते हैं?

Comprehension:

निर्देश: दिये गए गद्यांश के आधार पर अग्रलिखित प्रश्नों के उत्तर दीजिए।
अपने चारों ओर नजर दौड़ाने पर हमें विभिन्न प्रकार की वस्तुएँ नज़र आती हैं, जिनका आकार, आकृति और बनावट अलग-अलग होता है। इस विश्व में प्रत्येक वस्तु जिस सामग्री से बनी होती है उसे वैज्ञानिकों ने 'पदार्थ' का नाम दिया। जिस हवा में हम श्वास लेते हैं, जो भोजन हम खाते हैं, पत्थर, बादल, तारे, पौधे एवं पशु, यहाँ तक कि पानी की एक बूँद या रेत का एक कण, ये सभी पदार्थ हैं। ध्यान देने योग्य बात यह भी है कि ऊपर लिखी सभी वस्तुओं का द्रव्यमान होता है और ये कुछ स्थान (आयतन) घेरती हैं। प्राचीन काल से ही मनुष्य अपने आस-पास को समझने का प्रयास करता रहा है। भारत के प्राचीन दार्शनिकों ने पदार्थ को पाँच मूल तत्वों में वर्गीकृत किया, जिसे 'पंचतत्व' कहा गया। ये पंचतत्व हैं: वायु, पृथ्वी, अग्नि, जल और आकाश। उनके अनुसार, इन्हीं पंचतत्वों से सभी वस्तुएँ बनी हैं, चाहे वो सजीव हों, या निर्जीव। उस समय के यूनानी दार्शनिकों ने भी पदार्थ को इसी प्रकार वर्गीकृत किया है। आधुनिक वैज्ञानिकों ने पदार्थ को भौतिक गुणधर्म एवं रासायनिक प्रकृति के आधार पर दो प्रकार से वर्गीकृत किया है।

SubQuestion No : 19

Q.19 आधुनिक वैज्ञानिकों ने पदार्थ को किस आधार पर वर्गीकृत किया है?

Comprehension:

निर्देश: दिये गए गद्यांश के आधार पर अग्रलिखित प्रश्नों के उत्तर दीजिए।
अपने चारों ओर नजर दौड़ाने पर हमें विभिन्न प्रकार की वस्तुएँ नज़र आती हैं, जिनका आकार, आकृति और बनावट अलग-अलग होता है। इस विश्व में प्रत्येक वस्तु जिस सामग्री से बनी होती है उसे वैज्ञानिकों ने 'पदार्थ' का नाम दिया। जिस हवा में हम श्वास लेते हैं, जो भोजन हम खाते हैं, पत्थर, बादल, तारे, पौधे एवं पशु, यहाँ तक कि पानी की एक बूँद या रेत का एक कण, ये सभी पदार्थ हैं। ध्यान देने योग्य बात यह भी है कि ऊपर लिखी सभी वस्तुओं का द्रव्यमान होता है और ये कुछ स्थान (आयतन) घेरती हैं। प्राचीन काल से ही मनुष्य अपने आस-पास को समझने का प्रयास करता रहा है। भारत के प्राचीन दार्शनिकों ने पदार्थ को पाँच मूल तत्वों में वर्गीकृत किया, जिसे 'पंचतत्त्व' कहा गया। ये पंचतत्त्व हैं: वायु, पृथ्वी, अग्नि, जल और आकाश। उनके अनुसार, इन्हीं पंचतत्वों से सभी वस्तुएँ बनी हैं, चाहे वो सजीव हों, या निर्जीव। उस समय के यूनानी दार्शनिकों ने भी पदार्थ को इसी प्रकार वर्गीकृत किया है। आधुनिक वैज्ञानिकों ने पदार्थ को भौतिक गुणधर्म एवं रासायनिक प्रकृति के आधार पर दो प्रकार से वर्गीकृत किया है।

SubQuestion No : 20
Q.20 इस गद्यांश का केंद्रीय भाव क्या है?