

ACADEMIC SESSION : 2021-22

SAMPLE TEST PAPER (For V to VI Moving)

Duration : 18 Min.

Max. Marks : 96

Name : _____ Application Form Number _____

Reg. Number :

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GENERAL INSTRUCTIONS

1. There are 5 pages in the booklet containing 24 questions of **Physics (01 to 04), Chemistry (05 to 08), Mathematics (09 to 16), Biology (17 to 20) & Mental Ability (21 to 24)**, each question carry 4 mark.
2. Blank papers, clip boards, log tables, slide rule, calculators, mobile or any other electronic gadgets in any form is not allowed.
3. Write your Name and Roll No. in the space provided at the top of this booklet.
4. Before answering the paper, fill up the required details in the blank space provided in the answer sheet.
5. Do not forget to mention your roll number neatly and clearly in the blank space provided in the answer sheet.
6. No rough sheets will be provided by the invigilators. All the rough work is to be done in the blank space provided in the question paper.
7. In case of any dispute, the answer filled in the OMR sheet available with the institute shall be final.

MARKING CRITERIA

No. of Questions	Type	Marks		
		Correct	Incorrect	Blank
1-24	Only one correct	Q.No. 1 to 24 (4 Mark each)	-1 negative marks	0

PHYSICS

This section contains 4 multiple choice questions. Each question has four choices (1),(2),(3) and (4) out of which only one is correct

- Lithosphere is made up of :
(1) All earth's gases (2) All earth's water (3) Rocks & soil (4) All plants
- Volcanoes that may erupt at any time are called :
(1) Extinct volcanoes (2) Active volcanoes
(3) Special volcanoes (4) Dormant volcanoes
- A group of stars is called
(1) Comet (2) Sun (3) Planet (4) Constellation
- 10 min = x sec then x = ?
(1) 60 sec (2) 600 sec (3) 6 sec (4) 100 sec

CHEMISTRY

This section contains 4 multiple choice questions. Each question has four choices (1),(2),(3) and (4) out of which only one is correct

- Which states of matter takes the shape of its container and has a definite volume?
(1) Solid (2) Gas (3) Liquid (4) Both (2) and (3)
- Which of the following is a non-renewable energy sources?
(1) Petroleum (2) Solar energy (3) Wind energy (4) Tidal energy
- Melting point of ice is _____
(1) 10°C (2) 100°C
(3) 0°C (4) depend on amount of water
- Metallic minerals are obtained from their _____ .
(1) Ores (2) Sediments (3) Fossils (4) Fuels

MATHEMATICS

This section contains 8 multiple choice questions. Each question has four choices (1),(2),(3) and (4) out of which only one is correct

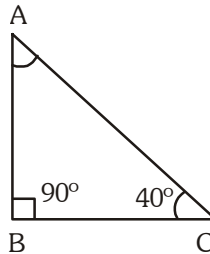
- $4000 \times 5000 = ?$
(1) 2 lakh (2) 20 lakh (3) 2 crore (4) 2 million
- Roman numeral for the smallest four-digit number is
(1) X (2) C (3) M (4) D

11. A store has a rectangular parking lot that is 100 feet by 70 feet. What is the perimeter of the parking lot ?
(1) 170 feet (2) 340 feet
(3) 1200 square feet (4) 12,000 square feet
12. Place value of 5 in 6521 is
(1) 50 (2) 5 (3) 500 (4) 5000
13. Which of the following statements best describes two parallel lines ?
(1) They meet at exactly one point (2) They meet at exactly two points
(3) They are always the same distance apart (4) They form a right angle
14. Which set of numbers are all prime ?
(1) 4, 6, 7 (2) 8, 10, 12 (3) 3, 5, 7 (4) 9, 11, 15
15. How many pairs of parallel sides can you see in the figure shown here ?



- (1) None (2) 1 (3) 2 (4) Can't say

16. Find the third angle :



- (1) 50° (2) 40° (3) 35° (4) 55°

BIOLOGY

This section contains 4 multiple choice questions. Each question has four choices (1),(2),(3) and (4) out of which only one is correct

17. The product of photosynthesis is
(1) Glucose (2) Cellulose (3) Protein (4) None of these
18. Sequence that represents the series of eating and being eaten is called
(1) food series (2) food chain (3) food web (4) food hub

19. Veins are present in
 (1) Stems (2) Roots (3) Leaves (4) Seeds
20. Match the columns and select the correct option

Column-I		Column-II	
(A)	Green plants	(p)	Decomposers
(B)	Rabbit	(q)	Producers
(C)	Tiger	(r)	Primary consumer
(D)	Bacteria	(s)	Top consumer

- (1) A-q ; B-r ; C-s ; D-p (2) A-r ; B-s ; C-p ; D-q
 (3) A-p ; B-q ; C-r ; D-s (4) A-s ; B-r ; C-q ; D-p

MENTAL ABILITY

This section contains 4 multiple choice questions. Each question has four choices (1),(2),(3) and (4) out of which only one is correct

21. If the letter of the word TRANSFORM are rearranged as they are in English alphabet, then the position of how many letters will remain unchanged after such rearrangement?
 (1) One (2) Two (3) Three (4) Four
22. You go toward North, turn right, then right again and then go to the left. In which direction are you now?
 (1) North (2) South (3) East (4) West
23. If in certain language, ENTRY is coded as 12345 and STEADY is coded as 931685, then which is the correct code for ARREST
 (1) 644589 (2) 644193 (3) 166479 (4) 645194
24. Find the mirror image of
 MALAYALAM
 (1) MALAYALAM (2) MAJAYAJAM (3) MALAYALAM (4) MAJAYATAM

Space for rough work

R-NET (SAMPLE PAPER) (V to VI moving students)

ANSWER KEY

Que.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Ans.	3	2	4	2	3	1	3	1	3	3	2	3	3	3	1	1	1	2	3	1
Que.	21	22	23	24																
Ans.	1	3	2	2																