

ACADEMIC SESSION : 2021-22

SAMPLE TEST PAPER (For VI to VII 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

- Shadow of an object falls in :
 - The direction of the source of light
 - The direction opposite to that of the source of light
 - A direction perpendicular to the source of light
 - None of light
- The special property of magnetic substances is :
 - They are repelled by magnets
 - They are attracted by magnets
 - They are both attracted and repelled by magnets
 - They cannot be made into magnets
- Rapid and small oscillations are called :
 - Periodic motion
 - Vibrations
 - Rotatory motion
 - Rolling motion
- Earth moving about its own axis is an example of :
 - Translatory motion
 - Rotatory motion
 - Linear motion
 - Oscillatory motion

CHEMISTRY

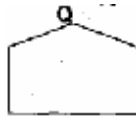
This section contains 4 multiple choice questions. Each question has four choices (1),(2),(3) and (4) out of which only one is correct

- Some changes like the changing seasons repeat themselves year after year at the same time. These are called :
 - Periodic change
 - Cyclic change
 - Both (1) and (2)
 - Non periodic change
- The right time to cut jute plants is at
 - Flowering stage
 - Mature stage
 - Before flowering
 - None of the above
- Brass is a
 - Pure substance
 - Heterogeneous mixture
 - The compound of oxygen and nitrogen
 - Homogeneous mixture
- A solution of sugar in water is a
 - Compound
 - Homogeneous mixture
 - Heterogeneous mixture
 - Element

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

9. Short form of the number
 $100000 + 30000 + 4000 + 30 + 2$
 (1) 13432 (2) 134032 (3) 133859 (4) 1343002
10. Kavita baked 7 cakes. She used 3 eggs for each cake. How many eggs did she use ?
 (1) 3 (2) 12 (3) 21 (4) 24
11. Which type of angle best describes angle Q ?



- (1) Obtuse angle (2) Acute angle (3) Right angle (4) Straight angle
12. Which of the following are supplementary angles ?
 (1) $180^\circ, 180^\circ$ (2) $100^\circ, 80^\circ$ (3) $50^\circ, 50^\circ$ (4) $40^\circ, 50^\circ$
13. A shape has exactly four angles, exactly four sides and the sides are all of the same length. Which could be the shape ?
 (1) Triangle (2) Pentagon (3) Hexagon (4) Rhombus
14. Prime factors of 12 are
 (1) 5, 2, 3 (2) 2, 2, 3 (3) 3, 5 (4) 3, 5, 10
15. Naina can type 2520 words in 1 hour. How long will she take to type 1680 words?
 (1) 28 minutes (2) 40 minutes (3) 42 minutes (4) 840 minutes
16. Simplify : $5\frac{3}{5} \div \left(2\frac{7}{8} + 3\frac{3}{8}\right)$
 (1) $\frac{333}{246}$ (2) $\frac{123}{456}$ (3) $\frac{120}{32}$ (4) $\frac{112}{125}$

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. Which of the following is instant source of energy ?
 (1) Potato (2) Honey (3) Butter (4) Oil
18. Aerial roots are seen in
 (1) Banyan (2) Tomato (3) Wheat (4) Papaya
19. Ligament connects
 (1) Muscle to skin (2) Bone to bone (3) Muscle to muscle (4) Muscle to bone

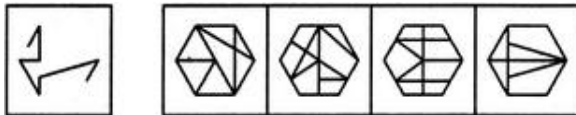
20. Leaves are reduced to spines in
 (1) Xerophytes (2) Mesophytes (3) Hydrophytes (4) Both (1) & (3)

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. Arrange the given word in alphabetic order and find the one that come at the second place.
 (1) Cathedral (2) Catenation (3) Caterpillar (4) Category
22. Find the missing term in the following series.
 3, 9, 27, 81, ?
 (1) 196 (2) 154 (3) 121 (4) 243

23. Find out the alternative figure which contains figure (X) as its part



(X) (1) (2) (3) (4)

24. Two ladies and two men are playing a bridge game (cards) and are seated around a square table. No lady facing toward East. Person sitting opposite to each other are not of the same gender. One man facing toward South. Which direction are the ladies facing?
 (1) East & West (2) South & East (3) North & West (4) North & East

Space for rough work

R-NET (SAMPLE PAPER) (VI to VII 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.	2	2	2	2	3	1	4	2	2	3	1	2	4	2	2	4	2	1	2	1
Que.	21	22	23	24																
Ans.	2	4	4	3																