



ST. MARGARET SR. SEC. SCHOOL

SAMPLE PAPER- FINAL TERM 2024-25 SUBJECT: SCIENCE

CLASS: V

Time: 1½HR

M.M: 40

SECTION A

Q1. M.C.Q.

1x8=8m

- A. Breaking of glass is a
i. Chemical change ii. Physical change
ii. Reversible change iv. Biological change
- B. Force of muscles is _____.
i. Mechanical force ii. Gravitational force
ii. Frictional force iv. Muscular force
- C. Uppermost layer of the atmosphere is
i. Stratosphere ii, Troposphere iii. Mesosphere iv. Exosphere
- D. The liquid in which a solid dissolves is called as _____.
ii. solvent ii. solute iii. solution iv. Semi solid
- E. India's first mission to moon was-
i. INSAT 1B ii. SPUTNIK-I iii. ARYABHATTA iv. CHANDRAYAN
- F. The percentage of Nitrogen in air is
i. 78% ii. 50% iii. 21% iv. 9%
- G. A sea-saw is kind of _____.
i. Lever ii. Pulley iii. Inclined plane iv. Wheel and axle
- H. Intermolecular space is maximum in
i. Gases ii. Liquids iii. Solids iv. Solute

SECTION B

1x6=6m

- Q2. Which force is used by magnet to attract iron nails?
- Q3. Define force.
- Q4. Why there is no life on the moon?
- Q5. Draw molecular structure of water molecule.
- Q6. In which layer of atmosphere does space shuttles fly?
- Q7. Name the two processes to remove soluble impurities from water.

SECTION C

2x5=10m

- Q8. Define chemical change. Give two examples of it.
- Q9. List any two effects of force.
- Q10. Draw a well labelled diagram of sedimentation.
- Q11. If you weigh 60 kg on the earth, what will be your weight on the moon?
- Q12. Draw a well labeled diagram showing the various layers of atmosphere .

SECTION D**3x4=12m**

Q13. Identify the type of lever.

- A. Pliers-
- B. Forceps-
- C. Nut cracker-

Q14. How can we purify water? (Three points)

- Q15.a. Name the India's first mission to moon. From where it was launched?
b. Name the first artificial satellite of India.

Q16. Distinguish between solute, solvent and solution.

SECTION E**1x4=4m**

- Q17. A. When does an eclipse occur?
B. Distinguish between solar and lunar eclipse.