

P.V.G.'s
Muktangan English School & Jr. College, Pune - 09
Summative Written Test II (2024-25)
STD VI

Subject : Science
Date : 01.04.2025

Marks - 40
Time : 1.00 pm to 3.30 pm

Q1. A) Fill in the blanks with the correct alternatives and rewrite the sentences. (4)

1. A magnet remains steady in the _____ direction.
(North-South, East-West, Northeast-SouthWest)
2. The image obtained in the pinhole camera is _____.
(inverted, smaller, not seen)
3. The propagation of sound doesn't take place through a _____.
(solid, liquid, vacuum)
4. The intensity of sound is measured in a unit _____.
(decibel, km/hr, cm)

B) Match the following. (4)

	A	B
1.	Voice Box	Opaque
2.	Isaac Newton	Larynx
3.	Wooden Door	Muscular Force
4.	Ox pulling the cart	Newton's Disc

C) Name the following. (Give 2 examples of each) (4)

1. Wedges
2. Transparent objects
3. Natural sources of light
4. Conventional sources of energy

- Q2. A) Distinguish between. (Any 1) (2)**
1. Simple Machine and Complex Machine
 2. Magnetic material and non magnetic material
- B) Define. (Any 2) (2)**
1. Vibration
 2. Reflection of light
 3. Displacement
- C) Draw a neat labelled diagram. (Any 1) (2)**
1. An electromagnet
 2. Lever of the second order
- Q3. Answer the following. (Any 4) (8)**
1. What is linear propagation of light?
 2. How is the image in a plane mirror seen?
 3. Write the practical uses of a magnet?
 4. How is sound heard?
 5. What should be taken into account for measuring work?
- Q4. Answer in detail. (Any 2) (8)**
1. What is a shadow? On what does a shadow depend?
 2. Why should we maximize the use of non-conventional energy resources?
 3. Write the characteristics of magnets?
- Q5. Give scientific reasons. (Any 3) (6)**
1. A bicycle is a complex machine.
 2. An object thrown upwards comes down after reaching a certain point.
 3. Magnets must be stored properly.
 4. Loud noise has an adverse effect on the people.

