

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

Subject : Science  
Date : 27.03.2025

Marks - 50  
Time : 8.00 am to 10.00 am

**Q1. A) Fill in the blanks with correct alternative and rewrite the sentences. (5)**

1. The symbol for sodium is \_\_\_\_\_.  
a) S                                      b) Na                                      c) So
2. Cardiac muscles are \_\_\_\_\_ muscles.  
a) Voluntary                              b) skeletal                              c) involuntary
3. Rising of Sun is a \_\_\_\_\_ change.  
a) Periodic                              b) Non-Periodic                              c) Chemical
4. A group of stars occupying a small portion of celestial sphere is called as \_\_\_\_\_.  
a) horizon                              b) meridian                              c) constellation
5. Frequency of sound is measured in \_\_\_\_\_.  
a) m/s                                      b) pitch                                      c) Hertz

**B) Match the following. (4)**

A	B
1. Compass	a. Like poles
2. The door of a cupboard	b. The highest magnetic forces
3. Repulsion	c. A magnetic needle
4. Magnetic pole	d. A magnet

**C) State whether the following statements are True or False and rewrite them. (4)**

1. We should not observe the solar eclipse with naked eyes.
2. Gum, essential oil, fruits are mineral resources.

3. Soap can not be used in hard water.
4. Stainless steel is an alloy.

**Q2. A) Give scientific reasons for the following. (Any 4) (8)**

1. A wet cloth is wrapped around a water storage container in summer.
2. Intoxicating substances should not be consumed.
3. A wooden article should be polished.
4. We should prevent the wastage of fuel used for vehicles.
5. The sound generated by tabla and a sitar are different.

**B) Distinguish between the following by giving atleast any two points of difference. (Any 1) (2)**

1. Physical and chemical change.
2. Umbra and Penumbra.

**C) Define any two of the following. (2)**

- i) Ore
- ii) Zero shadow day
- iii) Compound

**Q3. A) Answer the following. (Any 5) (10)**

1. How is sound produced?
2. Why is the shadow of a bird flying high not seen on the earth?
3. What are the items included in ocean resources? What are their uses?
4. Write any 2 characteristics of CNG.
5. Describe the method of chromatography
6. State any 2 properties of magnetic lines of forces.

**B) Name the following. (Any 2) (2)**

1. Two examples of fossils fuels
2. Two examples of mixtures.
3. Two examples of magnetic substances.

**Q4. A) Attempt any one of the following.**

**(5)**

1. a. What are audible and inaudible sound?
  - b. State any 3 uses of ultrasonic sound?
2. Complete the table

	Oragan	Gland	Secretion
a.	Mouth	_____	Saliva : _____
b.	Stomach	i) Gastic wall ii) _____ iii) Pancreas	_____ Bile _____

**B) Draw neat and well labelled diagram. (Any 2)**

**(8)**

1. Types of teeth
2. Lunar eclipse
3. Digestive system.



