

# FIRST MID TERM TEST - 2022

**7** - Std

**Science**

Reg.  
No.

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Time : 1.30 Hrs

Marks : 50

**I Choose the correct answer.**

5 X 1 = 5

1. S.I. unit of density is  
 a) kg/m<sup>2</sup>                      b) kg/m<sup>3</sup>                      c) kg/m                      d) g/m<sup>3</sup>
2. The metal which is liquid at room temperature is  
 a) chlorine                      b) sulphur                      c) mercury                      d) silver
3. Reproductive part of a plant is  
 a) root                      b) stem                      c) leaf                      d) flower
4. Tobacco chewing causes  
 a) anemia                      b) periodontitis  
 c) tuberculosis                      d) pneumonia
5. Night Blindness is caused by lack of  
 a) Vitamin A                      b) Vitamin C                      c) Vitamin B                      d) Vitamin E

**II Fill in the blanks.**

5 X 1 = 5

1. One cubic metre is equal to ..... cubic centimeter.
2. .... is the most abundant gas in the atmosphere.
3. The smallest, particle of matter that can be exist by itself is .....
4. After fertilization the ovule becomes .....
5. Tuberculosis is caused the bacterium .....

**III Analogy.**

5 X 1 = 5

1. First degree burn : Epidermis  
 Second Degree burn : .....
2. Tuberculosis : Air Cholera : .....
3. Atoms : Fundamental particle of an element.  
 ..... Fundamental particles of a compound.
4. Area : m<sup>2</sup> :: volume : .....
5. Ginger : Underground stem.  
 Carrot : .....

IV Match the following.

5 X 1 = 5

- |             |   |                 |
|-------------|---|-----------------|
| 1. Metals   | - | Attracts insect |
| 2. Distance | - | kg              |
| 3. Volume   | - | light year      |
| 4. Petal    | - | Mycobacterium   |
| 5. Cholera  | - | Shiny surface   |

V Answer any 5 questions.

5 X 2 = 10

1. Define the density of objects.
2. What is one light year.
3. Define molecule.
4. What is atomicity of elements?
5. What are the two important parts of a flower?
6. What are the agents of pollination?
7. Why first aid is essential?

VI Write the chemical formula and name the elements present in the following compounds.

5 X 2 = 10

- a) Sodium chloride.
- b) Potassium hydroxide.
- c) Carbon dioxide.
- d) Calcium oxide.
- e) Sulphur dioxide.

VII Answer any two of the following in detail.

2 X 5 = 10

1. Describe explain the characteristic of compounds.
2. How will you determine the density of a stone using a measuring jar?
3. Explain the underground stems.