

**Q.No.1) Choose the correct answer from the given alternatives: - (10×1=10)**

**1) Which of the following is a scientific process of learning?**

- |                          |                         |
|--------------------------|-------------------------|
| i) Rote Learning         | ii) Reading by shouting |
| iii) Copying from friend | iv) Observation         |

**2) What are the safety measures that should be considered to avoid accidents also called?**

- |                        |                |
|------------------------|----------------|
| i) Define a question   | ii) Precaution |
| iii) Making conclusion | iv) Experiment |

**3) What is observation?**

- |                     |                       |
|---------------------|-----------------------|
| i) To see deeply    | ii) To write properly |
| iii) To read deeply | iv) To speak properly |

**4) What happens during evaporation?**

- |                               |                               |
|-------------------------------|-------------------------------|
| i) A solid change into liquid | ii) Liquid changes into gas   |
| iii) Gas changes into liquid  | iv) Liquid changes into solid |

**5) What is homogeneous mixture?**

- |   |
|---|
| i) Components equally mixed                     |
| ii) Components not equally mixed                |
| iii) Components kept separately from each other |
| iv) Components kept together but not mixed      |

**6) What is brass made of?**

- |                      |                    |
|----------------------|--------------------|
| i) Copper and Zinc   | ii) Copper and Tin |
| iii) Silver and Zinc | iv) Silver and Tin |

**7) What is the process of changing a solid into gas on heating called?**

- |                  |             |
|------------------|-------------|
| i) Evaporation   | ii) Boiling |
| iii) Sublimation | iv) Melting |

**8) What are the animals with backbone called?**

- |                  |                   |
|------------------|-------------------|
| i) Mammals       | ii) Invertebrates |
| iii) Vertebrates | iv) Reptiles      |

**9) Which of the following contains a seed?**

- |            |          |
|------------|----------|
| i) Root    | ii) Leaf |
| iii) Fruit | iv) Stem |

**10) Which of the given is a dicot plant?**

- |           |            |
|-----------|------------|
| i) Rice   | ii) Wheat  |
| iii) Bean | iv) Garlic |

**Q.No.2 Very short answer questions: -**

(6×1=6)

- Write any two units of mass.
- Draw a schematic figure of: Beaker.
- What are the three states of matter?
- Write any two examples of mixture.
- What are two main groups of animals?
- What is the breathing organ of fish?

**Q.No.3 Short answer questions: -**

(9×2=18)

- List any two precautions that should be followed while doing science experiments.
- Convert: 10 minutes into seconds.
- What is mass?
- Why do the ponds of water dry up in dry season?
- Write difference between solid state of matter and liquid state of matter.
- Salt solution is a homogenous mixture. Why?
- Which one is more compressible among air and water? Why?
- Write two differences between monocot and dicot plants.
- Write two causes of placing dolphin under the class mammals.

**Q.No.4 Long answer questions:-**

(4×4=16)

1) Look at the picture and answer the questions.

(a) What is the volume of liquid in fig. a and c?

(b) What is the difference between the volume of liquid in fig. b and c?

(c) Which measuring cylinder has the highest volume and which one has the lowest volume of liquid?

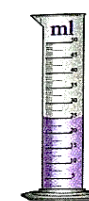


Fig. a



Fig. b

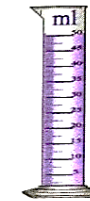


Fig. c

- How will you calculate the volume of irregular solid? Explain the process with a figure.
- Write any four negative effects of heat.
- Draw a well labeled diagram of parts of plants.

**The End**