

Note - 1) All questions are compulsory.

2) The numbers to the right of the questions indicates full marks.

3) Draw neat and labelled diagrams.

1. A) Fill in the blanks with proper words from the given brackets. 5

(Leafapex, carnivorous , vector, natural, attraction, repulsion.)

- 1) Tiger is a animal.
- 2) The tip of the leaf is called
- 3) Salt is a type of food preservative.
- 4) Weight is a quantity.
- 5) There is between like charges.

B) Who is my companion. 3

'A' Group

- 1) Copper
- 2) Famine
- 3) Mass

'B' Group

- a) Natural disaster
- b) Scalar quantity
- c) Good conductor of heat
- d) Vector quantity

C) State whether the following statements are True or False. 2

- 1) Time is a scalar quantity.
- 2) Each atom is electrically neutral.

2. A) Define. (Any Two) 4

- 1) Adaptation.
- 2) Plumule.
- 3) Solvent.

B) Give scientific reasons. (Any Three) 6

- 1) Fungus can not perform photosynthesis.
- 2) Water is a universal solvent.
- 3) Butterflies have a long tube-like proboscis.
- 4) We wear woollen clothes in winter.
- 5) 16th October celebrated as 'World Food Day' ?

3. A) Draw a neat and labelled diagram. (Any Two) 4

- 1) Parts of leaf.
- 2) Thermos flask.
- 3) Photosynthesis.

B) Answers the following questions in short. (Any Three)

6

- 1) Write four names of reptiles animals.
- 2) Which methods of food preservation would you use ?
- 3) Why is mercury or alcohol used in thermometer ?
- 4) Write two names of man-made disasters.
- 5) What is a solution ? Give two examples.

4. A) Answer the following questions in one sentence.

4

- 1) What is 'Amber' called in the Greek language ?
- 2) What is the unit of density ?
- 3) Where is 'Indian Botanical Garden' located ?
- 4) When was 'National Flood Commission' established ?

B) Answers the following questions in short. (Any Four)

8

- 1) Write four names of animals in snowy region ?
- 2) Write four main parts of flower.
- 3) What are the uses of soil ?
- 4) Distinguish - Xylem and Phloem.
- 5) What is 'symbiotic nutrition' ? Give examples.

5. Answer the following questions. (Any Two)

8

- 1) Give examples of two plants that have -
 - a) Many - seeded fruits -
 - b) Single - seeded fruits -
 - c) Yellow flowers -
 - d) Red flowers -
- 2) Explain the effects of a volcano ?
- 3) Complete the following table.

Sr.No	Physical Quantity	MKS	CGS
1)	Mass
2)	Distance
3)	Time
4)	Speed

- 4) Why do farmers stick an iron staff into the ground while working in the field of rainy seasons ?