

GENERAL SCIENCE

I. Fill in the blanks.

1. In solids the molecules are _____ packed.
2. _____ of the earth causes day and night.
3. _____ is called the red planet.
4. _____ are hot blowing balls of fire.
5. In summer, the days are _____.

(2 1/2)

II. Write true or false. If false write the correct statement.

1. Tearing of paper is a chemical change.
2. We must protect plants and animals.
3. Venus is the largest planet in the solar system.
4. Whales breathe through their gills.
5. Plants depend on animals for oxygen.

(5)

III. Name the following.

1. A substance that can exist in all the three states of matter.
2. An arboreal animal.
3. The three layers of earth.
4. Two gases.
5. Two festivals that are linked to seasons.
6. A soluble substance in water.

(5)

IV. Match the following.

- | | |
|-------------|-------------|
| 1. Hatching | Crocodiles |
| 2. Moulting | Frogs |
| 3. Mammals | Birds |
| 4. Tadpoles | Cockroaches |
| 5. Reptiles | Elephants |

(2 1/2)

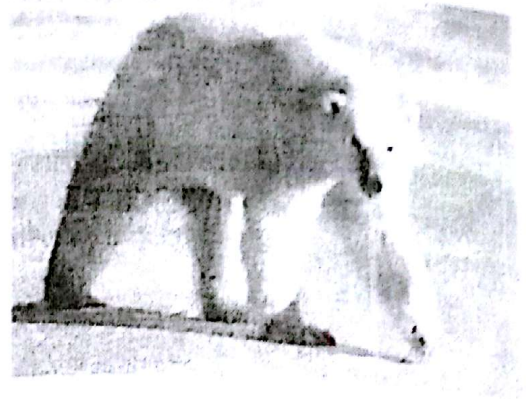
V. Look at the picture given alongside and answer the following questions. (5)

1. Name the plant.
2. Write its habitat.
3. Where does photosynthesis occur in this plant?
4. What is photosynthesis?
5. How do plants use the food they prepare?



VI. Look at the picture given alongside and answer the following questions. (5)

1. Name the animal.
2. Where would you find such animal?
3. Why do these animals have thick fur on their bodies?
4. Define adaptation.
5. What is hibernation?



VII. Answer the following questions in one or two sentences.

1. Why are most leaves green in colour?
2. In which direction does the earth rotate?
3. Why do birds have hollow bones?
4. Why is it refreshing to sit under a tree during the day time?
5. Why do stars appear smaller than the sun?
6. What do you mean by stomata?
7. What would happen if the movements of earth stopped?
8. Define matter.
9. What are nymphs?
10. How can the three states of matter be interchanged? (10)

VIII. Answer the following questions in detail.

1. Draw the lifecycle of a butterfly and label the different stages. (3)
2. Write four things that are kept in a first aid kit? (2)
3. Draw diagrams to show the arrangement of molecules in the three states of matter. (3)
4. What is migration? (2)
5. Differentiate between
1. Physical change and chemical change. (2)
2. Solute and solvent. (2)

IX. Copy the diagram and label any five parts. (3)

