

I. Choose the correct answer:

12x½=6

- Magnets lose their properties when they are _____.
a. used b. stored c. hit with a hammer d. cleaned
- Around 97% of water available on earth is _____ water.
a. fresh b. pure c. salty d. polluted
- Phenol is _____.
a. carbolic acid b. acetic acid
c. benzoic acid d. hydrochloric acid
- Natural adhesives are made from _____.
a. protein b. fat c. starch d. vitamins
- _____ is essential to perform winnowing activity.
a. rain b. soil c. water d. air
- _____ is not made of matter.
a. gold ring b. iron nail c. light ray d. oil drop
- Main organ of respiration in human body is _____.
a. stomach b. spleen c. Heart d. Lungs
- Circulatory system transports these through the body _____.
a. Oxygen b. Nutrients c. Hormones d. All of these
- Producers are _____.
a. Animals b. birds c. plants d. snakes
- It is a biodegradable waste _____.
a. plastic b. coconut shell c. Glass d. Aluminium
- Which is the national tree of India? _____.
a. Neem tree b. Jack tree c. Banyan tree d. Mango tree
- Natural mosquito repellent is _____.
a. Nutmag b. Bamboo c. Ginger d. Neem

II. Fill in the blanks:

12x½=6

- Matter is made up of _____.
- Chillies are removed from "upma" by _____ method.
- _____ is an example for natural adhesive.
- _____ is called as farmer's best friend.
- Water cycle is also called as _____.
- A magnet always has _____ poles.
- _____ is an example of textile fibre.
- The edible seeds of leguminous plants are called _____.
- Temperature, light and wind are _____ factors.
- Primary consumers that eat plants are called _____.
- A group of organs together make up an _____ system.
- The _____ is the largest sense organ in our body.

III. Write True or False:

12x½=6

- Rubber is a magnetic material.
- Sea water can be used for irrigation as such.
- NPK are the primary nutrients for plants.
- Plaster of paris is obtained from heating gypsum.
- A cylindrical magnet has only one pole.
- Air is not compressible.
- Blood is produced in the bone marrow.
- The other name of food pipe is alimentary canal.
- Bacteria and fungi are called decomposers.
- The Pacific ocean is an example of an marine ecosystem.
- Sugarcane is used as biofuel.
- Cotton cloth is not suitable for summer season.

IV. Match the following:

12x½=6

- | | | |
|-------------------|---|--------------------|
| 1. Breaks easily | - | Increased rainfall |
| 2. Compass | - | Water Vapour |
| 3. Repulsion | - | Magnetic needle. |
| 4. Flood | - | NaoH |
| 5. Cloud | - | like poles |
| 6. Soap | - | Mudpot |
| 7. Clove | - | Air pollution |
| 8. Millet | - | Animals |
| 9. Smoke | - | Sound |
| 10. Biotic factor | - | cardiac muscle |
| 11. Ear | - | Cereals |
| 12. Heart | - | spice |

V. Answer any five in short:

5x2=10

- Define the term matter.
- Name four different sources of water.
- Define fertilizers.
- Name few spices used in India
- What are the two types of ecosystem?
- Name three types of blood cells.

VI. Answer any two in detail:

2x5=10

- Distinguish between the properties of solid, liquid, gas. Draw suitable diagram.
- Explain the process of manufacturing cement and its uses.
- Explain about the steps for solid waste management.
- Tabulate the list of plants that have the highest medicinal value.

VII. Diagram:

1x3=3

- Chemistry in everyday life.
- Different parts of plants used as vegetable.