

## I. Very short answer questions:

- Give two examples of leguminous plants.
- Name the condition in which a person passes out frequently water stools.
- How many types of fibres are there in sheep's hair?
- Give the use of kink in clinical thermometer.
- Name the natural acid found in ant's sting.
- Why ships suffer a lot of damage from rusting inspite of being painted.

## II. Short answer questions:

- Differentiate between clinical and laboratory thermometer.
- What do you mean by rusting of Iron? How it can be prevented?
- Why does a woollen garment keep us warm in winter?
- What is tooth decay ? How can you prevent it?
- How are water and minerals transported to the leaves?

## III. Define the following :

- |                  |                      |              |                      |                  |
|------------------|----------------------|--------------|----------------------|------------------|
| a. Cell membrane | b. Buccal cavity     | c. Conductor | d. Acid Rain         | e. Galvanisation |
| f. Ozone layer   | g. Concentrated acid | h. Radiation | i. Lower fixed point | j. Ingestion     |

## IV. Short answer questions &amp; VBQ's:

- State the various functions of the tongue. Name four different tastes which can be detected by our tongue.
- Briefly explain why a mud house with the shed roofs keep cool in summer?
- Explain why calamine solution is applied on the skin when an ant bites?
- Differentiate between physical and chemical changes.
- The swallowed food moves downwards in the alimentary canal.

## V. Choose the correct option:

- Proper care of the teeth helps to
  - prevents tooth decay
  - prevent tooth loss
  - prevent dental plaque
  - all of these
- Plants can be categorized as
  - heterotrophs
  - autotrophs
  - saprotrophs
  - parasite
- Which one of the following is not a breed of sheep?
  - Murrah
  - Marwaxi
  - Nali
  - Lohi
- What is the source of litmus extraction?
  - Lichen
  - Lime
  - Litchi
  - None of these
- Which method is used to prevent rusting
  - Crystallization
  - Galvanisation
  - Sedimentation
  - None of these

## VI. Diagrams:

- Draw a schematic diagram of life cycle of silkworm.
- Draw a schematic diagram of digestive system of cow and label its parts.