

Christu Jyothi Convent Sr. Sec. School

class-3rd

subject- Gsc.

chapter- 4th (common insects)

Tick write the correct option (pg no31)

- A.** An example of a social insect is: **ant**
- B.** Ants that protect the colony are called: **soldier ants**
- C.** The cells of a Hive are shaped as a: **hexagon**
- D.** An insect with wings is: **butterfly**

Match the following (page number 31)

- a. Head lice --- itching
- b. Weevils --- eat up stored grains
- c. Silverfish ----each up paper
- d. Moth----make holes in woollen clothes

Fill in the blanks (page number 31)

- a.** From the eggs of a butterfly hatch out **larva**.
- b.** **Locust** damage crop.
- c.** **Mosquito** cause disease like Malaria, dengue and Chikungunya.
- d.** All the insects have **six** legs.

Answer the following questions (page number 32)

1. Explain the part of an insect's body ?
Ans. The insects body has three parts- head, Thorax and abdomen. they have eyes and feelers on their head. they have six legs. some have two pair of wings.
2. Explain the life cycle of a butterfly .support your answer with a diagram?
Ans. Egg hatch into tiny things called caterpillars. they eat leaves and grow. they built a case around itself called a cocoon. it sleep in the cocoon and it called Pupa. Gradually, it changes to a butterfly and cocoon splits and butterfly comes out.(fig from pg no. 29- life cycle of butterfly).
3. Explain how ants show division of labour?

Ans. Queen ant lays eggs. workers ant collect and store food grains and feed the Larva that hatch out of eggs. soldier ant protect the colony and the queen.

4. How can we prevent insects from harming us?

Ans. Do not allow water to collect in our surroundings and keep the surroundings clean. spray insect repellents to kill harmful insect. fix wire mesh on the doors and windows to keep insects out of the house.

END

Chapter-5 (plants in the surroundings)

1. tick write the correct answer (page number 38)

a. The part of the plant that remains under the ground is called: **roots**

b. We eat flowers of :**broccoli**

c. To germinate acid required : **all of these.**

d. The baby plant inside a seed is called : **embryo**

2. Answer the following questions (page number 39)

a. Distinguish between fibrous and taproot?

Ans. Fibrous roots grow from the end of the stem with many small roots and tap root is one main thick root with inner roots growing from it.

b. Explain the parts of leave . support your answer with the diagram?

Ans. stalk attach leave to the branch. Flat, broad part of the leaf is called leaf blade, main vein is in the middle of the leaf, side veins grow from the main vein and stomata are tiny pores on the surface of the leaf.

c. Explain the parts of a seed. support your answer with the diagram.

Ans. **Seed coat** : the outer covering of the seed and it protects the seed.

Cotyledon: contain food that is used by the baby plant for growth.

Embryo: baby plant that grows into a new plant.

d. What is germination?

Ans. Germination is the process by which seeds grow into a new plant in the presence of air ,water and warmth.

e. What are monocot and dicot seeds?

Ans. Monocot seeds have only one cotyledon and dicot seeds have two cotyledons.

3. Fill in the blanks (page number 39)

1. The radical grows into the **downward directions**.
2. The **bud** changes into the flower.
3. Leaves contains a green pigment called **chlorophyll**.
4. The **stem** carries water and Minerals from the root to other parts of the plant.
5. The **flower** on the stem of a plant changes into a fruit.

4 . Give reasons for the following (page number 39)

1 . Non green plants cannot prepare their food?

Ans. Because they do not have chlorophyll.

2. Leaves are called a food factory for a plant.

Ans. Because they prepare food for the plant.

3. Seed are an important part of the plant.

Ans. Because a plant grow from a seed.

4. A seed kept in an airtight container does not germinate.

Ans. Because it needs air to germinate.

5. A yellow leaf cannot prepare its food.

Ans. Because it lacks chlorophyll that traps sunlight.

END

CHAPTER-6 (food we get from plants)

1. Tick write the correct answer (page number 44)

- a. Plants with a trunk are called: **trees**
- b. A leaf that has medicinal value is: **neem leaf.**
- c. A flower eaten as food : **broccoli.**
- d. Sugar can be obtained from: **sugarcane stem**

Match the following (page number 44)

- a. Carrot -----root
- b. Potato ---stem
- c. Clove — bud
- d. Flowers --- cauliflower

Give two examples of each (page number 44)

- a. Medicinal plants: **Tulsi , neem.**
- b. Shrubs: **rose, henna.**
- c. Beverages : **tea ,coffee.**
- d. Oil seed: **sunflower, mustard.**

Answer the following questions:

- a. **What are spices?**
Ans. Plant parts that add colour and flavour to food.
- b. **What are beverages?**
Ans. Drinks other than water called as beverage.
- c. **What are cereals?**
Ans. Seeds of plants that gives us energy are called cereals.
- d. **Why are pulses important for the body?**
Ans. Because pulses build new cells and repair a damaged cell.

END.