

SECTION-A; MULTIPLE CHOICE QUESTIONS:

Tick the correct option:

1. Which of the following is not true for fertilisers?
(a) They increase the yield
(b) Their excessive use disturbs the balance of nutrients in soil
(c) They are generally used in small quantity
(d) They are environment friendly
2. Seed drill is used for
a) Harvesting b) sowing c) Weeding d) options b and c
3. Fish is good for health, we get cod liver fish oil from fish, which is rich in
a) Vitamin C b) Vitamin B c) Vitamin D e)Vitamin E
4. Which of the following nutrients replenishes the soil after growing leguminous plants?
a) Nitrogen b) Oxygen c) Potassium d) Phosphorus

SECTION-B; ASSERSTION REASON BASED QUESTIONS: Use the following key to choose the appropriate answer.

- (a) Both A and R are true and R is the correct explanation of A.
- (b) Both A and R are true but R is not the correct explanation of A.
- (c) A is true but R is false.
- (d) A is false but R is true.

1. Assertion (A): Water does not play any role in crop production.
Reason (R): Irrigation helps in crop productivity.
2. Assertion: Organisms like rats, rodents that attack and damage crop are called pests.
Reason: Chemicals are sprayed on the crops to kill pests.

SECTION-C; CASE STUDY:

One day, a small announcement was made in school. In summer vacations, every student needs to do a project according to his/her own interest. Yash decided to grow peas. So he went to the market and bought the best quality seeds, sand and fertilizers. He came back home, went to the backyard and planted the seeds and started taking good care of them. But as day passed he began to realise that the seeds he planted are getting worse. The plant was unhealthy and very poor in quality. He tried everything but was unable to figure out the solution.

- a) Why Yash's crops were grown unhealthy?
- b) What are the disadvantages of excess use of fertilisers?
- c) In which period Rabi crops are grown?
- d) Name the best irrigation system.

SECTION –D; ANSWER THE FOLLOWING QUESTIONS:

1. What are the advantages of ploughing?
2. If you are given a dry piece of land for cultivation, what will you do before sowing the seeds?
(a) Name the practice followed for large scale rearing of farm animals.
(b) What facilities are provided to farm animals?
3. Why is irrigation important? 4 points
4. What are weedicides? Give two examples.
5. What are the advantages of using seed drill instead of traditional tools?
6. What is transplantation? Name two plants which are grown by transplantation.