

Class test
Ch- Crop production and management
FM- 15

1. Assertion: Biofertilizer helps to replenish the soil.

Reason: Biofertilizers are microbes that perform a decomposition process in the soil which adds a layer of humus to it and is rich in nutrients.

2. Assertion: Sowing funnel is a type of agriculture tool used by farmers for the step sowing.

Reason: All types of fertilizers can be added before sowing the seeds.

3. Assertion : When a large number of plants are grown at the same place, it is called crop.

Reason : One of the three seasonal crops is rabi crop where the seeds are sown during June or July and harvested after monsoon.

4. Assertion: Plantation crops are grown throughout the year and don't have any particular season to grow.

Reason: It is grown in subtropical regions where there is maximum sunlight.

5. Assertion : Rabi crops are sown during June to July and harvested after monsoon.

Reason : Kharif crops are sown at the beginning of the winter season (October to December) and harvested by March and April.

6. Assertion : Sowing of seeds with a seed drill is better than broadcasting.

Reason : In broadcasting, seeds are unevenly distributed in the field.

7. Assertion - Horticulture is a branch of agriculture that deals with the production of vegetables, fruits and flowers.

Reason - Horticulture is similar to agriculture in other ways, but it is usually carried out on a smaller scale.

8. Assertion- Traditional tools are often pocket friendly to purchase.

Reason- Traditional tools are easy to use.

9. Assertion- Fertilisers are very rich in nutrients like nitrogen Phosphorus and Potassium.

Reason- Manure is a natural substance obtained by the decomposition of cow dung and plant residues and other dead living organisms.

10. Assertion- All crops that we grow in our garden in small pieces of land are called plantation crops.

Reason- Crop should be grown on uneven soil so that it will get proper nutrients and the slide off of soil can be prevented.

11. Assertion- The loosened soil helps in the growth of earthworms and microbes. Reason- Earthworms add humus to the soil.

12. Assertion- Seed drill is used for sowing of seed with the help of tractors.

Reason- This sows the seed uniformly at equal distance and depth and covers it up with soil which prevents the seeds from being eaten by birds.

13. Assertion- Manure enhances the water holding capacity and texture of the soil.

Reason- Manure adds humus to the soil which improves the soil structure and soil texture

CASE STUDY

Samai Raina has brought manure from a nearby farmer and Ranveer has brought fertilizer from Tata Sons and Limited.

14. Do you think Samai Raina and Ranveer have the similar quality of soil ? Support your answer with reason. (2)