



BAL BHARATI PUBLIC SCHOOL, PITAM PURA, DELHI-110034

REVISION ASSIGNMENT- CLASS8
CROP PRODUCTION& MANAGEMENT

1. Name the agricultural implements associated with the following agricultural tasks:-

- (a) tilling-plough
- (b) weeding-harrow,trowel
- (c) leveling-leveller
- (d) sowing-seed drill
- (e) harvesting-sickle

2. Define the following:-

- (a) crop-the plants that are cultivated for commercial purposes or their products
- (b) agriculture –the practice of cultivating crops
- (c) threshing-separation of grains from the husk
- (d) winnowing-separation of chaff(hollow grains) & husk from healthy grains by making them fall from a height & blowing wind through huge pedestal fans
- (e) manuring-adding manures/compost to the soil
- (f) weeding-removal of weeds from the agricultural fields

3. Fill in the blanks:-

- (a)The same kind of plants grown & cultivated on a large scale at a place is called crop
- (b) The first step before growing crops is preparation of soil.
- (c) Damaged seeds would float on the surface of water.
- (d) For growing a crop, sufficient amount of sunlight, water & nutrients from the soil are essential.
- (e) Paddy & maize are kinds of kharif crops
- (f) Animal excreta,cow dung,urine & plant waste are used to make manure
- (g) Urea & superphosphate are kinds of fertilizers
- (h) Wheat,gram,pea are kinds of rabi crops

4. Identify the following:-

- (a) providing water to crops- irrigation

- (b) keeping crop grains for a long time under proper conditions- storage
- (c) a machine used for cutting the matured crop- combine
- (d) a rabi crop that is also one of the pulses-gram/lentil
- (e) a process of separating chaff from the grains-winnowing
- (f) a way of collecting rainwater & later using it for domestic or other purposes- rain water harvesting

5. Name any 3 leguminous crops.

Ans- gram, peas, beans

6. What provides humus to the soil?

Ans- manures

7. "Use of a seed drill is preferred over broadcasting".Justify this statement giving 2 advantages of this practice.

Ans-1-adequate spacing

2-adequate depth

8. "Use of manures is advantageous over fertilizers".Justify the statement.

Ans- soil chemistry is disturbed & the fertilizers can enter the plant body with water & cause harm to us.

9. Paddy cannot be grown in the winter season.Why?

Ans- it needs standing water in the fields & that is possible in rainy season

10. Neem leaves are properly sundried & put in an iron drum containing wheat.Why?

Ans- prevention of insects & microbes

11. Use of a Combine Harvester is beneficial to farmers .Explain.

Ans-It does harvesting as well as threshing

12. What is animal husbandry? Why is it done?

Ans-The task of rearing domesticated animals for their products or physical labour

13. Why is fish food good for health? Name 2 nutrients it contains in a large amount.

Ans- Fish food is 99% protein not fat.

Vitamin D & E+proteins

14. Arrange the following in the correct order for sugarcane production:-

sending crop to sugar factory, irrigation, harvesting, sowing, preparation of soil, ploughing the field, manuring.

Ans-ploughing , prep of soil, manuring, sowing, irrigation, harvesting, sowing to the factory.

15. If wheat is sown in Kharif season, what is likely to happen?

Ans –The crop will be ruined by excessive water

16. What are weeds? How do they affect crop production?

Ans-Unwanted crop plants growing along with crop plants.

Harm-they take away nutrients, water, space & sunlight meant for crop plants

17. What will happen if the field is not ploughed before sowing seeds? Give 2 disadvantages.

Ans-1-uneven distribution of water, seeds,etc

2- roots of plant are unable to penetrate the soil easily

18. A farmer needs to prepare his soil for cultivation.What are the 3 major tasks he performs, name the implements used & give the advantages of each task.

Ans- 1-Ploughing-plough- brings the lower fertile layers of soil on top

2-levelling-leveller- ensures uniform irrigation & distribution of seeds

3-Manuring-nil- enriches the soil with humus & moisture

19. Name & explain the various methods of controlling weeds in agricultural fields.

Ans- 1- manual-use of harrow or trowel

2- chemical-use of weedicides-2,4-D or butachlor

3-biological-eg-cochineal insect selectively eats away opuntia

20. Storage of produce is an important task. Justify this statement listing various agents causing spoilage of stored grains.

Ans-1-Godowns 2-Silos

Harmful agents- rodents, birds, insects, microbes

21. Tabulate 4 major differences between manures & fertilizers.

Ans-1- Natural -Manmade

2-provide humus -do not

3-do not harm soil -harm soil

4-compost, vermicompost –urea, NPK

22. Why is preparation of soil considered an important task during cultivation?

Ans- 1. It allows deeper penetration of roots

2. It allows the roots to breathe easily.

3. It helps in growth of worms and microbes.

4. the loosening of soil helps in recycling of nutrients in the soil.