



GRADE 8TH SCIENCE
CHAPTER 1

Crop Production and Management

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- Which one of the following condition is not essential to grow maize?
(a) High temperature (c) Low temperature
(b) Humidity (d) Rainfall
- Propagation of ginger is generally done using
(a) seed (c) root
(b) stem (rhizome) (d) leaf
- Which of the following statement is not true for organic manure?
(a) It enhances water holding capacity of soil.
(b) It has a balance of all plant nutrients.
(c) It provides humus to soil.
(d) It improves texture of soil.
- The term used for the process of separation of grains from chaff is
(a) sieving (c) winnowing
(b) threshing (d) hand picking
- Read the statements given below.
(i) Seeds require moisture for germination.
(ii) Plants can absorb nutrients mostly in dissolved form.
(iii) Irrigation protects crops from both frost and hot air currents.
(iv) Irrigation improves soil texture.
Choose the combination of statements which indicate the need to irrigate crops.
(a) i and ii (b) i, ii, iii (c) i, ii, iii, iv (d) i and iii
- Which of the following tools would a farmer use to remove weeds from the field?
(a) Hoe (b) Axe (c) Plough (d) Cultivator
- 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.

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8. Given below are statements about the harmful effects of weeds on crop plants.
- (i) They interfere in harvesting.
 - (ii) They help crop plants to grow healthily.
 - (iii) They compete with crop plants for water, nutrients, space and light.
 - (iv) They affect plant growth.
- Choose the correct combination of statements.
- (a) i, iii, iv (c) iii, iv (b) iii only (d) i, ii, iii, iv
9. The process of loosening and turning of soil is called
- (a) irrigation and manuring (c) tilling and ploughing
(b) digging and winnowing (d) harvesting and storage
10. The monsoon season in our country is during the months
- (a) April to December (c) November to March
(b) June to September (d) January to May
11. The system of irrigation where in water is supplied drop by drop near the roots of plants, is called
- (a) pulley system (c) sprinkler system
(b) drip system (d) lever system
12. Which of the following is an important factor for growth of crops?
- (a) Temperature (b) Humidity
(c) Rainfall (d) All of the above
13. Which of the following is a kharif crop?
- (a) Wheat (b) Mustard (c) Groundnut (d) Gram
14. Which of the following is generally used for making compost?
- (a) Microbes (b) Earthworm
(c) Soil (d) Animal and plant waste
15. Which of the following is used for tilling the land by cultivator?
- (a) Tractor (b) Bullock (c) Buffalo (d) Horse
16. Rhizobium is found in root nodules of which of the following plants?
- (a) Cereals (b) Pulses (c) Oil seeds (d) Horticultural plants
17. What is NPK?
- (a) Fertilizer (b) Manure (c) Weedicide (d) A type of weed

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18. Which of the following crops would enrich the soil with nitrogen ?
(a) apple (b) pea (c) paddy (d) potato
19. Which of the following is not a kharif crop ?
(a) paddy (b) mustard (c) maize (d) groundnut
20. In agriculture, broadcasting is used for :
(a) ploughing the fields (b) rotating the crops
(c) removing the weeds (d) sowing the seeds
21. Which of the following is not grown by transplantation ?
(a) chillies (b) tomatoes (c) peas (d) paddy
22. Which of the following is not a rabi crop ?
(a) soyabean (b) peas (c) wheat (d) linseed
23. One of the following crop is not cultivated by sowing its seeds directly into soil. This one is
(a) wheat (b) gram (chana) (c) paddy (d) maize (makka)
24. Tomatoes are cultivated by the practice called :
(a) transpiration (b) translocation (c) transportation (d) transplantation
25. Which of the following cannot be provided to the soil by a chemical fertiliser?
(a) nitrogen (b) humus (c) potassium (d) Phosphorus
26. Which of the following is not grown by transplantation ?
(a) chillies (b) tomatoes (c) paddy (d) papaya

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27. The Rhizobium bacteria present in the root nodules of pea plants can fix one of the following from the atmosphere. This one is :
(a) hydrogen (b) oxygen (c) nitrogen (d) halogen
28. The process of beating out grains from the harvested wheat crop is called :
(a) healing (b) crushing (c) threshing (d) weeding
29. The food obtained from animals is very rich in :
(a) fats (b) carbohydrates (c) minerals (d) proteins
30. The Government Agency responsible for purchasing grains from the farmers, safe storage and distribution is :
(a) CBI (b) FBI (c) FCI (d) FDI
31. The process of removing unwanted plants from a crop field is called :
(a) breeding (b) weeding (c) transplanting (d) harvesting
32. Which of the following is not a correct statement for sowing seeds ?
(a) seeds should be sown at right intervals
(b) seeds should be sown at right depth
(c) seeds should be sown in dry soil
(d) seeds should not be sown in highly wet soil
33. Which of the following system of irrigation is preferred for the uneven land ?
(a) chain pump irrigation system (b) drip irrigation system
(c) sprinkler irrigation system (d) river irrigation system
34. The two crops which are not grown by sowing their seeds directly into the soil in large fields are :
A. Peas B. Tomatoes C. Chillies D. Maize
(a) A and B (b) B and C (c) A and C (d) only C
35. The best technique of watering the fruit plants and trees is:
(a) chain pump system (b) sprinkler system (c) moat (pulley system) (d) drip system