

# DCA CLASSES

## **CLASS – VIII SCIENCE – CHAPTER 01 CROP PRODUCTION AND MANAGEMENT**

Name:

Date:

- 01.** Sunflower seeds provide us mainly with:  
(a). fats (b). carbohydrates (c). proteins (d). vitamins
- 02.** Most commonly grown cereal crop is/are:  
(a). rice (b). maize (c). wheat (d). all the above
- 03.** Crops sown during winters are:  
(a). rabi crops (b). kharif crops (c). mixed crops (d). cereal crops
- 04.** The method of scattering seeds in the field by hand is:  
(a). hand picking (b). transplantation (c). broadcasting (d). leveling
- 05.** The disadvantage of broadcasting is:  
(a). seeds are evenly distributed (b). seeds get damaged  
(c). seeds are unevenly distributed (d). seeds get infected
- 06.** Seeds being used for sowing must be:  
(a). inferior quality (b). disease free (c). hollow and light (d). all the above
- 07.** Seed drill sows the seeds at:  
(a). equal distances (b). proper depth (c). both a & b are correct (d). unequal distances
- 08.** Two or more crops grown together in the same field is called:  
(a). crop rotation (b). mixed farming (c). field fallow (d). mixed cropping
- 09.** A bacterial disease of plants is:  
(a). rust (b). wilt (c). blight (d). smut
- 10.** Which of the following is used as a biofuel:  
(a). Ethanol (b). Gammoxene (c). Manure (d). Amaranthus
- 11.** Rearing of honeybees for products like honey and wax is called:  
(a). Sericulture (b). Aquaculture (c). Pisciculture (d). Apiculture
- 12.** Which of the following is a milch animal:  
(a). Camel (b). Sheep (c). Honeybee (d). Silkworm
- 13.** Cod liver oil from fish is found to be rich in:  
(a). Vitamin A (b). Vitamin D (c). Vitamin C (d). Vitamin B
- 14.** Conversion of ammonia into nitrates is called:  
(a). nitrification (b). denitrification (c). ammonification (d). deammonification
- 15.** Which of the following are harmful for crop plants:  
(a). too little water (b). too much of water (c). both a & b (d). too much light
- 16.** The irrigation method in which water enters the field through channels made between two rows of crop plants is:-  
(a). Sprinkler irrigation method (b). Basin irrigation method  
(c). Furrow irrigation method (d). Drip irrigation method

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**Q1.** Match the column:

- |                                     |                         |
|-------------------------------------|-------------------------|
| <b>(A).</b> (a). sowing             | i) sprinklers           |
| (b). irrigation                     | ii) trowel              |
| (c). weeding                        | iii) sickle             |
| (d). harvesting                     | iv) seed drills         |
| (e). manuring                       | v) manually             |
| <b>(B).</b> (a). horticultural crop | i) potato               |
| (b). kharif crop                    | ii) crotons             |
| (c). rabi crop                      | iii) agricultural waste |
| (d). compost manure                 | iv) groundnut           |
| (e). green manure                   | v) dry leaves           |
| <b>(C).</b> (a). legume crop        | i) jute                 |
| (b). root crop                      | ii) coffee              |
| (c). cereal crop                    | iii) sweet potato       |
| (d). plantation crop                | iv) groundnut           |
| (e). fibre crop                     | v) wheat                |
| <b>(D).</b> (a). Compost            | i) fertilizer           |
| (b). Rodents                        | ii) insecticide         |
| (c). BHC                            | iii) pest               |
| (d). NPK                            | iv) weedicide           |
| (e). Metachlor                      | v) manure               |

**Q02.** Fill in the blanks:

- \_\_\_\_\_ is large scale cultivation of vegetable, fruits & flower plants.
- \_\_\_\_\_ is the process of loosening and turning up of the soil.
- \_\_\_\_\_ is the process of supplying water to crops at different intervals.
- \_\_\_\_\_ is result of too much water given to the soil.
- \_\_\_\_\_ is the science dealing with growth of plants and animals for human use.
- \_\_\_\_\_ were the first crop known to be cultivated.
- \_\_\_\_\_ provide the staple food for people in every part of world.
- Grains are rich in \_\_\_\_\_.
- If there is a shortfall in production, grains are made available from \_\_\_\_\_ stock.
- \_\_\_\_\_ is the most important cereal in the world.
- Better varieties of crops can be developed by plant \_\_\_\_\_.
- \_\_\_\_\_ means producing offsprings under controlled conditions.
- \_\_\_\_\_ is a technique used for developing new crop varieties by cross breeding.

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(n). In the breeding experiments anthers of plants are removed by process called \_\_\_\_\_.

(o). \_\_\_\_\_ farming technique of crop cultivation employs biological methods.

**Q03.** Why is it good to wash food grains before use?

**Q04.** Why are manures better than fertilizers?

**Q05.** How does transplantation of onion seedlings increase its production?

**Q06.** Define nitrogen fixation and its importance?

**Q07.** List main advantages of preparation of soil?

**Q08.** What are silos?

**Q09.** Define water logging and its impact?

**Q10.** Which method of irrigation would be recommended for a region with uneven land surface and why?

**Q11.** What are contributions made by Pro(f). M. S. Swaminathan?

**Q12.** Which one would you prefer a chemical pesticide or a biopesticide? why?

**Q13.** Correct the following sequence of steps in crop production:

- (a). seed selection & sowing      (b). irrigation      (c). protection from pests      (d). manuring  
(e). preparation of soil      (f). weeding      (g). storage      (h). harvesting

**Q14.** Pick the wrong word out of the following:

Pesticide/Horticide/Herbicide/Weedicide/Insecticide

**Q15.** Write the correct words by putting letters in correct sequence-

- (a). wwiinnngo      (b). shhtegrin      (c). ouhgpl      (d). vitarotlcu

**Q16.** State whether following statements are true/false :-

- (a). Rice is transplanted in standing water.  
(b). Vegetables and fruits are rich sources of proteins.  
(c). Rhizobium bacteria is found in the root nodules of non-leguminous plants.  
(d). Technology has been developed to use crop stubs for making ethanol.  
(e). Horticulture is a branch of agriculture

**Q17.** If you are given a dry piece of land for cultivation, what will you do before sowing the seeds?

**Q18.** During which months do farmers grow mustard in India?

**Q19.** Which activity of the farmer can promote growth of earthworms and microbes in the field?

**Q20.** Beera, wants to practice crop rotation in his field. Suggest a Rabi crop and a Kharif crop which will replenish his field with nitrogen. Which crop replenishes nitrogen and why?

**Q21.** Paddy is a major cereal crop in our country.

- (a) In which season is paddy cultivated?  
(b) Discuss the method of sowing.  
(c) What measures must be taken to prevent spoilage and insect attack of harvested grains.