



BIOLOGY

BOOKS - NCERT EXEMPLAR

CROP PRODUCTION AND MANAGEMENT

Multiple Choice Questions

1. Which one of the following condition is not essential to grow maize?

A. High temperature

B. Humidity

C. Low temperature

D. Rainfall

Answer: A



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2. Propagation of ginger is generally done using

A. seed

B. stem (rhizome)

C. root

D. leaf

Answer: B



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3. 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.

Answer: B



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4. The term used for the process of separation of grains from chaff is

A. sieving

B. threshing

C. winnowing

D. hand picking

Answer:



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5. 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

Answer:



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6. Which of the following tools would a farmer use to remove weeds from the field?

A. Hoe

B. Plough

C. Axe

D. Cultivator

Answer:



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7. 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.

Answer:



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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

B. iii only

C. iii, iv

D. i, ii, iii, iv

Answer:



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9. The process of loosening and turning of soil is called

A. irrigation and manuring

B. digging and winnowing

C. tilling and ploughing

D. harvesting and storage

Answer: C



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10. The monsoon season in our country is during the months

A. April to December

B. June to September

C. November to March

D. January to May

Answer: B



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11. The system of irrigation where in water is supplied drop by drop near the roots of plants, is called

A. pulley system

B. drip system

C. sprinkler system

D. lever system

Answer: B



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Very Short Answer Questions

1. Pick out the odd one from the following words given in the box and give reason for it.

Plough, Seed Drill, Hoe, Chain Pump, Sickle



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



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3. State whether the following statements are True or False. Correct the false statements.

Using good quality seed is the only criterion to get high yield.



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4. State whether the following statements are True or False. Correct the false statements.

Growing different crops in different seasons in the same field will deplete the soil of nutrients.



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5. State whether the following statements are True or False. Correct the false statements.

All crop plants are sown as seeds in the field.



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6. State whether the following statements are True or False. Correct the false statements.

Cells of root nodules of leguminous plants fix nitrogen.



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7. State whether the following statements are True or False. Correct the false statements.

Freshly harvested grains must be dried before storing.



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8. During which months do farmers grow mustard in India?



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



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Short Answer Questions

1. 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?



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2. Match the agricultural implements given in Column A with their use given in Column B.

Column A

Column B

(i) Sickle

(a) Ploughing

(ii) Hoe

(b) Sowing

(iii) Seed Drill

(c) Harvesting

(iv) Sprinkler

(d) Irrigation

(i) ___, (ii) ___, (iii) ___, (iv) ___



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3. What are organic foods?



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4. (a) Name the tool used with a tractor for sowing seeds in a field.

(b) What are the advantages of using this tool?



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5. (a) Name the practice followed for large scale rearing of farm animals.

(b) What facilities are provided to farm animals?



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Long Answer Questions

1. Despite favourable climatic conditions, a farmer's crop failed to give good yield. Give the

possible reasons for this.



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2. As a part of eco-club activity students were asked to raise a kitchen garden in the school premises. They were provided with some materials given in the box. List the other materials you would require. How will you plan the garden? Write the steps.

khurpi, water-can, spade, shovel



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3. 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.



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4. For discussion

Despite being one of the growing economies, our country still has a large section of

population going hungry and malnourished.

Do you think an efficient crop production mechanism is the only solution to this?

Discuss in the class what else needs to be done to root out hunger and malnutrition from our country.



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5. Terms related to agricultural practice are given below. Rearrange them in the correct sequence.

harvesting, sowing, manuring, tilling and ploughing, irrigation, de-weeding.



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