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परमाणु ऊर्जा शिक्षण संस्था, मुंबई
Atomic Energy Education Society
Session: 2023 – 24

CLASS- VIII

SUBJECT : SCIENCE

WORKSHEET No. – 1

Name of the Chapter: **Crop Production and Management**

I. Choose the correct option:- (1 x 10 = 10M)

1. The process of watering plants is called

- a. Sowing b. maturing c. Tilling d. Irrigation

2. Weeds are the

- a. Main crop plants b. Insect and pests
c. Unwanted plants growing along the crops d. Chemical substances

3. Combines are used for

- a. sowing of seeds b. Harvesting the crops c. Threshing d. Both b and c

4. Separating grains from chaff is called

- a. Winnowing b. Weeding c. Tilling d. Harvesting

5. Weedicides are used to destroy.

- a. Insects b. Weeds c. Pests d. None of these

6. Rabi crops are sown in

- a. March, April b. October, November c. May, June d. Any time

7. Wheat and gram belong to

- a. Rabi crops b. Kharif crops c. Both of these d. None of these

8. Examples of kharif crops are

- a. Wheat and maize b. Gram and maize c. Paddy and maize d. All of these

9. 2, 4-D is a

- a. Pesticide b. Insecticide c. Fungicide d. Weedicide

10. Seed drill is used to

- a. Sow the seeds b. Mix manure in soil c. Remove pest d. Remove weeds

II Answer in one sentence. (1 x 10 = 10M)

1. Name the traditional methods of irrigation.
2. Name two methods of weeding.
3. A farmer uses dried neem leaves to store his grains in a metallic container. Give reason
4. Leguminous plants do not require nitrogenous fertilizers. Why?
5. Why is it recommended to wash fruits and raw vegetables before eating them?
6. Write the function of a seed drill.
7. Paddy is a major cereal crop in our country. In which season is paddy cultivated?
8. What measures must be taken to prevent spoilage and insect attack of harvested grains?
9. Name the main tools used to prepare soil.
10. Give 4 examples of fertilisers.

III Answer in two to three sentences. (2 x 10 = 20M)

1. Balu, 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?
2. a. Name the practice followed for large scale rearing of farm animals.
b. What facilities are provided to farm animals?
3. Write two precautions while sowing seeds.
4. What is hoe? What is its use?
5. What is crop rotation? Write its importance.
6. How can a farmer increase the fertility of the soil?
7. What are the advantages of manure?
8. Draw a labelled diagram of a hoe.
9. How is paddy cultivated?
10. Why is weeding necessary?

III Answer in three to four sentences. (3 x 5 = 15M)

1. a. Name the tool used with a tractor for sowing seeds in a field.
2.b. What are the advantages of using this tool?
3. Despite favourable climatic conditions a farmer's crop failed to give good yield. Give three possible reasons for this.
4. Why is the soil loosened before seeds are sown?

5.How are grains stored and preserved?

6.Differentiate between fertilizer and manure.

III Answer the following. (5 x 5 = 25M)

1.List and explain various agricultural practices.

2.Explain an activity to show that manure and fertilisers are essential to increase production.

3.What is irrigation? Explain modern methods of irrigation.

4.Write about the natural methods to maintain soil fertility.

5.a. Draw a diagram of a plough and label the following parts.

(i) Ploughshaft (ii) Ploughshare

b. Write the function of plough.

c. Name the animals which are used to draw the plough.