

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

Column A

- (i) Sickle
- (ii) Hoe
- (iii) Seed Drill
- (iv) Sprinkler

Column B

- (a) Ploughing
- (b) Sowing
- (c) Harvesting
- (d) Irrigation

(i)___; (ii)___; (iii)___; (iv)___

3. What are organic foods?
4. From the word puzzle given as Fig. 1.1 find atleast eight words which are 'farmer's friends.' Classify them into living and non living.

B	S	E	I	L	O	R	U	A	Z	Z
O	E	A	R	T	H	W	O	R	M	K
E	E	Z	L	G	O	H	Y	H	I	U
X	D	N	U	R	E	A	S	I	C	S
D	M	O	X	P	T	K	Y	Z	R	B
C	L	R	B	U	L	L	F	O	O	X
P	W	K	V	R	A	O	E	B	B	C
I	Q	P	G	B	G	C	W	I	E	M
M	A	N	U	R	E	V	J	U	S	P
Q	X	F	U	S	A	Z	T	M	U	V

Fig. 1.1

5. (a) Name the tool used with a tractor for sowing seeds in a field.
(b) What are the advantages of using this tool?
6. (a) Name the practice followed for large scale rearing of farm animals.
(b) What facilities are provided to farm animals?
7. Clasify the following crops into Khariff and Rabi crops and write in the tabular column given below:

Maize, paddy, mustard, pea, gram, wheat, groundnut, cotton.

<i>Khariff</i>	<i>Rabi</i>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Long Answer Type Questions

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

Note: You have been asked to use only environment friendly materials.

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.

4. Unscramble the words related to crop production and its management and write in the boxes given beneath them.

(i) I L O S S
[] [O] [] [] [O]

(ii) N G I R E H T S H
[] [O] [O] [] [] [] [] [O] []

(iii) R I T I A G I R O N
[] [] [] [] [O] [O] [O] [] [] []

(iv) V E R I R
[] [] [O] [O] []

Now, using the circled letters, form one word which is an activity carried out in fields, after maturation of crops.

5. Given below is a conversation between two farmers Heera and Beera.

Heera : Brother Beera, your maize crops looks beautiful! They have grown pretty fast.

Beera : Yes, I have sprayed urea this time. What about you?

Heera : Well, I am still relying on good old cow dung. I am saving money for buying a tractor.

Beera : That's good. Tractor saves a lot of time and labour.

Heera : Yes, it's been very labour intensive for me and now these weeds have come up.

Beera : Try weedicides, they are very effective.

Now answer the following questions.

- (i) List the practices which are not environment friendly and why?
- (ii) What is the advantage of modern agriculture implements over traditional ones?
- (iii) Name one weedicide and the precaution farmers must take during its application.

6. 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.

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

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