



SAINIK SCHOOL CHANDRAPUR

MINISTRY OF DEFENCE

ज्ञानाय दानाय च रक्षणाय



HOLIDAY HOMEWORK

SUBJECT: SCIENCE

CLASS VIII

Session 2024 - 25

1. Prepare a write up by visiting a farm, nursery or a garden nearby. Gather information about cultivation of a particular crop. The write up must include the following points along with photographs taken in the field.

- Soil preparation.
- Manuring.
- Irrigation.
- Weeding.
- Harvesting.
- Storage.

NOTE: THE WRITE UP MUST BE DONE A-4 SHEETS AND SHOULD BE FILED.

2. Prepare a pocket dictionary which must contain science words from your class VIII Textbook.

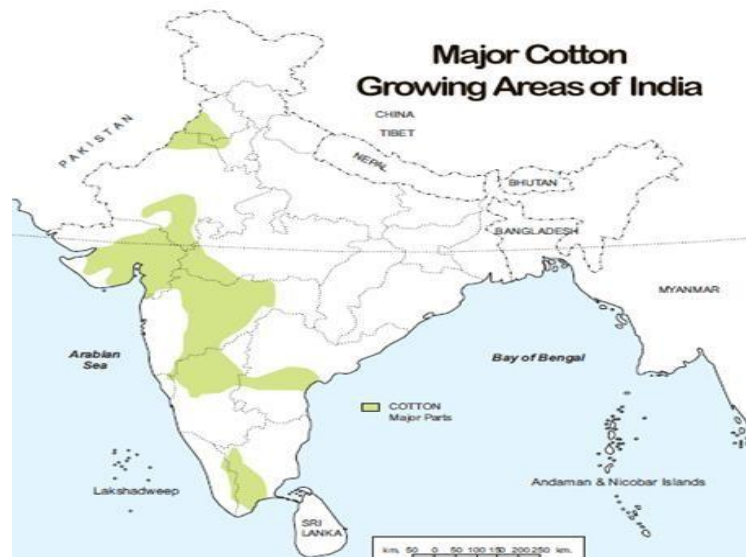
3. Solve the following work sheet.

1-

Chapter1

Crop production and Management

Observe the graph and write the answer-



Why do cotton growing areas are restricted in a few states only? (Comment in the box)

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2- Identify the given diagram and answer the given questions-

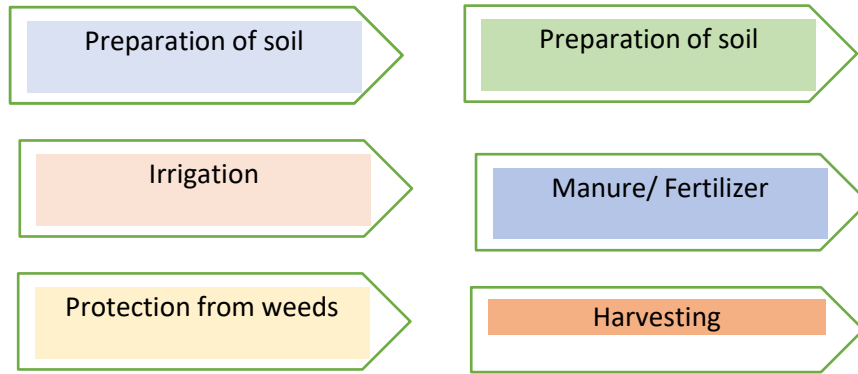
Type of irrigation	
Two advantages	1.
	2.



3- Kanhaiya a small farmer ploughing his field with the help of a shawl. A eight class student told him about new inventions by which the time and labour of farming can be reduced. Can you mention any three such inventions and their benefits?

Innovations	Benefits
1.	1.
2.	1.
3.	1.

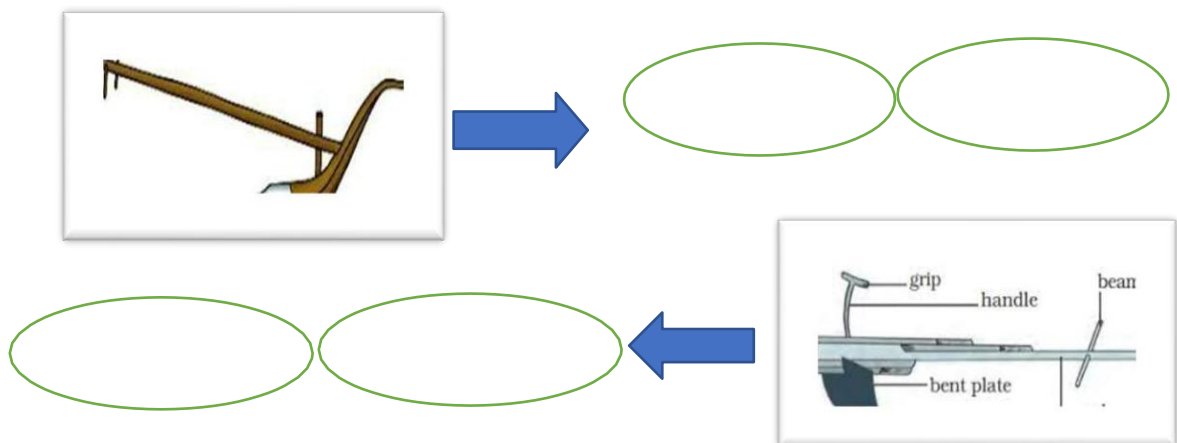
4- The cultivation of crops involves several activities undertaken by farmers over a period of time. Arrange the following activities in the correct sequence.



5- Some microorganisms play an important role in the decomposition of waste organic material like vegetable peels, biological litter etc. This action is very useful for nature as well as farmers. List any two advantages of this activity as directed in the given table-

Advantage for nature	
Advantage for farmers	

6- Identify the following instruments used in agriculture and write their name and advantages in the round circle –



7- Manure is a natural substance that can be added to the soil to increase its fertility. Fertilizer is given to the soil to promote fertility and productivity.
a- Write one advantage of both.

Advantage of Manure	
Advantage of fertilizer	

b- Which should be promoted by us and why?

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8- a- Weeds are also controlled by using certain chemicals, called weedicides. Which one of the followings is a good example of weedicide-

2,4 D	2,4 E	2,4 T	2,4 G
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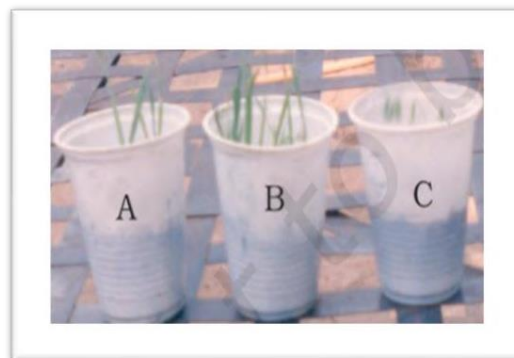
b- The weedicides should be used –

Just before onset of fruits	2,4 T	during the vegetative growth	Can be used any time
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9- Identify the state by name of festivals of harvesting –

Festival	State
Pongal	
Baisakhi	
Bihu	
Nabanya	

10- The following pots labelled as A, B, and C are germinated by using different cultivation methods.



Pot A- manure is

added Pot B-

Fertilizer is

added

Pot C- Neither manure nor fertilizer is added

a- Which one shows the least growth and why?

b- We should use the product of which pot and why?

c- What will happen if we grow legume plants and enrich the soil with rhizobiumbacteria?

Answer a-
Answer b-
Answer c-