



LESSON: WATER

WORKSHEET 2

RESOURCE PERSON: MS. USHA ABRAHAM

NAME: _____ CLASS: V SEC: _____ DATE: _____

I. Fill in the blanks to complete the sentences.

1. The tank in which chlorine is added to kill germs is called a _____.
2. The purest form of natural water is _____.
3. Free water stands at public places for travellers are called _____.
4. The main source of water for crops in India is the _____ season.
5. _____ are manually operated devices used to draw underground water.

II. Case Study: Watering the Fields

Read the extract carefully and complete the sentences:

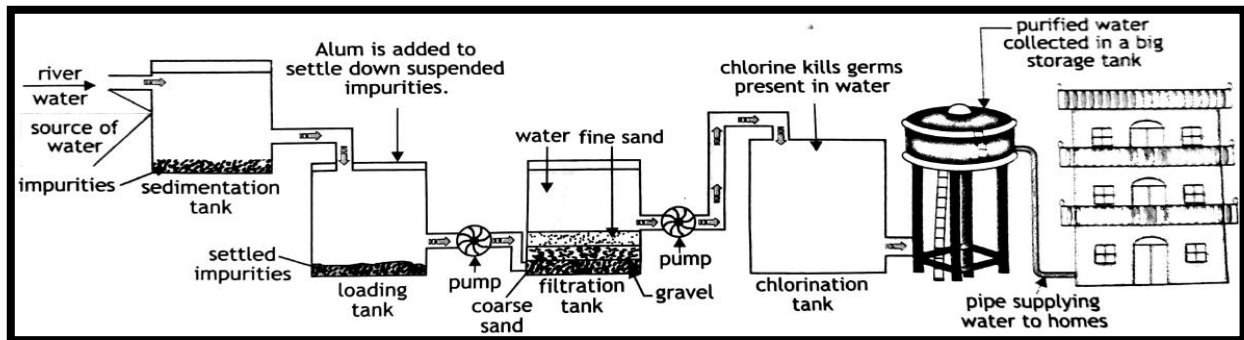
Raju is a farmer. He grows wheat and vegetables on his farm. To water his crops, he uses different methods of irrigation. For some fields, he allows water from a canal to flow into the fields from a high level. This method is called flood irrigation. In another field, he uses a machine that sprays water on the standing crops like rain. This is called sprinkler irrigation. Raju also knows about furrow irrigation, where crops are planted on ridges and water flows in the furrows between them. He prefers using modern irrigation methods because they save water.

- a. Flood irrigation is a method where _____

- b. In furrow irrigation, crops are grown _____

- c. Raju prefers modern irrigation methods because _____
- d. If you were a farmer in a desert region, you would choose _____ irrigation, because

III. Observe the picture carefully. Arrange the steps of the water treatment plant in the correct sequential order by writing the numbers in the table given. Provide relevant answers for the questions based on the picture given below.



a.	Alum is added to settle down the suspended impurities in the loading tank .	
b.	Purified water is collected in a big storage tank and is supplied to cities through pipes.	
c.	River water is sent to sedimentation tank to remove impurities.	
d.	Water is disinfected in chlorination tank where chlorine kills germs in the water.	
e.	The top layer of water is sent to filtration tank without disturbing the settled solids to remove the very fine dirt particles.	

a. Imagine the chlorination tank is not working properly. What might happen if this untreated water is supplied to the city?

b. Why is it important to add alum in the loading tank before sending the water to the filtration tank?

c. Suppose a city has muddy river water as its main source. Which two steps of the water treatment plant will be most useful, and why?

d. If the supply pipes carrying water from the storage tank get damaged, what problems will the city face?
