

**LESSON: WATER****WORKSHEET 1****RESOURCE PERSON: MS USHA ABRAHAM****NAME: _____ CLASS:V SEC:_____ DATE:_____****I. Read the statements given below and circle the option with the correct answer.**

1.	A tank that has steps on all sides so that people can reach the water is called _____.							
	a.	rahat	b.	baoli	c.	canal	d.	well
2.	Water is sprayed on standing crops in the form of artificial rain during _____ irrigation.							
	a.	flood	b.	sprinkler	c.	furrow	d.	traditional
3.	River water is first sent to the _____ tank to remove impurities in a water treatment plant.							
	a.	sedimentation	b.	filtration	c.	alum	d.	chlorination
4.	The chemical used to kill germs in water during treatment is _____.							
	a.	alum	b.	chlorine	c.	gravel	d.	impurities
5.	A water-lifting device with buckets attached to a vertical wheel is called a _____.							
	a.	baoli	b.	Persian wheel	c.	bore	d.	tube well
6.	Structures built to store rainwater for future use are called _____.							
	a.	canals	b.	tanks	c.	rivers	d.	wells

II. State whether the given statements are True or False.

1. Sprinkler irrigation is used in places where a lot of water is available.	
2. After purification water is collected in the sedimentation tank.	
3. Hand pumps are manually operated devices used to draw underground water.	
4. Wells were dug about 5 to 10 metres deep to reach underground water.	
5. River and lake water is always safe to drink without treatment.	

III. Match the following.

COLUMN A	COLUMN B
1. sprinkler irrigation	a. step well
2. baoli	b. water wheel
3. rahat	c. artificial rain
4. tanks	d. kills harmful bacteria
5. chlorine	e. collection of rain water

Answers-

1. _____	2. _____	3. _____	4. _____	5. _____
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IV. Given below are two statements - one labelled Assertion (A) and the other labelled Reason (R). Select the correct option to these questions and write them in the box.

- (a) Both A and R are true, and R is the correct explanation of this assertion.
 (b) Both A and R are true, but R is the incorrect explanation of this assertion.
 (c) A is true but R is false.
 (d) A is false but R is true.

S.N		Statements	Answer
i)	Assertion	Wells and tube wells are examples of sources of underground water.	
	Reason	Underground water cannot be used for irrigation purposes.	
ii)	Assertion	Flood irrigation helps in saving water.	
	Reason	In flood irrigation, water is allowed to flow freely over fields from a canal.	
iii)	Assertion	Farmers in India depend highly on monsoon rainfall for irrigation.	
	Reason	Monsoon rains are the main source of water for crops in many regions of India.	

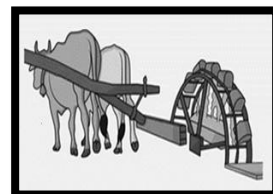
V. Observe the given picture and provide responses to the questions that follow.

1. a) Identify the method of irrigation shown in the diagram.



- b) Crops are raised in _____ and irrigation is carried out in in _____.

2. a) The Persian wheel or Rahat is mainly used for _____.



- b) _____ are attached to the rim of the Persian wheel.

- c) _____ is commonly used now instead of Persian wheels.

VI. Scan the QR code provided to watch a video. Provide relevant answers for the questions based on the picture given below.



- a. What special feature does a Baoli have that helps people collect water?

- b. List two purposes of Baolis in the past besides providing water.

- c. What do you notice about the baolis in your town at present?

- d. Suggest **one** way to preserve a Baoli in your town.
