

Note: The given content need not to be printed.

CHAPTER 08.
THE STORY OF WATER.
P.NO.57-64.

Learning Objectives:

- To acquaint students with the human - made sources of water.
- To enhance the cognitive and critical thinking among them.

Human Made Sources Of Water.

Human-made or Man-made sources of water are artificial sources of water which are constructed by the human.

The main purpose of constructing these artificial sources is to store water for future need and supply the water at particular places where there is scarcity of water.

Some of the human-made sources of water are listed below:

1. **Well:** A well is a deep hole dug into the ground. Wells are dug several metres deep to reach the groundwater. It is an excavation or structure created in the ground by digging, driving, or drilling to access liquid resources, usually water. The well water is drawn up by a pump, or using containers, such as buckets, that are raised mechanically or by hand. A long rope with a bucket attached to it is used to pull water out of it.



2. Storage Tanks: A storage tanks are large reservoirs of water which fill up during the rainy season and can be used for various activities.

3. Hand Pumps: Hand pumps are dug on the ground to gain access to groundwater. Hand pumps are manually operated pumps, they use human power and mechanical advantage to move fluids from one place to another often upwards. They are widely used in every country in the world for a variety of industrial, marine, irrigation and leisure activities.



4. Canals: Canals are channels which carry water from large water bodies to the fields. Canals are artificial waterways that are built by people and used for shipping, travel and irrigation. A canal is most often constructed to connect to existing river, lake and oceans.



5. Dams: Dams are artificial barriers built across rivers to capture and store water. Dams help us to store water when we need it and help to prevent droughts and floods. When too much water is in a reservoir, it can be released safely through gates. Dams are built across rivers so that the force of the water can be used to generate electricity.



NOTEBOOK WORK.

- All work is to be done on the EVS notebook.
- Fill in the index page properly.

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PAGE NO. 57-64

I LEARN, I ANSWER

A. Answer these questions.

Q2.What are storage tanks?

Ans. The storage tanks are large reservoirs of water which fill up during the rainy season and can be used for various activities.

Q3. Why are dams constructed across rivers?

Ans. Dams are built across rivers so that the force of the water can be used to generate electricity.