



CYCLE 3 A

Class VII

Date: 18th May to 25th May’21

No. of Working Days: 7

Subject: Chemistry

Name of Chapter: Water: A Precious Resource

1st Period: Pg: 199 – 201

Step – I	Study the following topic from textbook: <ul style="list-style-type: none">• 16.5 Distribution of Water<ul style="list-style-type: none">➤ Activity 16.5• 16.6 Water Management
Step – II	Study the same topic in the following part of Extramark app: Chapter 16: Water: A Precious Resource → Learn → Concept Learning → Rain Water Harvesting (4 th video) and Irrigation (5 th video)
Step – III	Clear your doubts (if any) from the subject teacher.
Step – IV	Revise using following Bullet points: <ul style="list-style-type: none">• Though water is maintained by the water cycle, yet there is an acute scarcity of water in many parts of the globe. There is an uneven distribution of water.• The distribution of water over the globe is quite uneven due to a number of factors.• Some places have good amount of rain and are water-rich. On the other hand, there are deserts which have scanty rainfall.• We need to be worried about the wastage of water during the supply of water through pipes, the leaking taps in buildings and other places.• All of us, knowingly or unknowingly, waste water while brushing teeth, shaving, bathing, washing and during many other activities. This must be avoided.• Unnecessary use of water and overdrawing from groundwater should be avoided. Recharge of water to the ground should be increased.• The need of the hour is that every individual should use water economically.• We have seen that most of the water that we get as rainfall just flows away. This is a waste of precious natural resource. As such, we should work on Rain Water Harvesting.• The rainwater can be used to recharge the groundwater. This is referred to as water harvesting or rainwater harvesting,• Rainwater harvesting is a type of harvest in which the rain drops are collected and stored for the future use, rather than allowing them to run off.• Bawris are one of the old methods of rain water management. These are deep wells dug in the ground which have steps to reach the water stored. These bawris help in storage of water for longer time as the amount of evaporation of water from the deep well is very less. Bawris are very popular in Rajasthan• Drip irrigation is a technique of watering plants by making use of narrow tubings which deliver water directly at the base of the plant.

Step – V

Solve the questions as below:

Write the following Questions/Answers in Chemistry Class Work Copy

- **Write the answer (along with the question) to Question No. 3 & 4 (Page 203) given in the NCERT textbook.**

Answer 3: If people of all the fifty houses in the lane use the ten tubewells regularly, this will lead to exploitation of water resource present underground. In the long term, the water level will reduce and thus the water table will deplete.

Answer 4: For minimising the use of water in maintenance of garden, one can use the technique of drip irrigation. In this method, required amount water is supplied directly to the roots of the plants by making use narrow pipes/tubings thus preventing the wastage of water.

End of 1st Period