



CHEMISTRY

BOOKS - NCERT EXEMPLAR

WATER: A PRECIOUS RESOURCE

Multiple Choice Questions

1. Which of the following does not show water shortage?

A. Taps running dry

B. Long queues for getting water

C. Marches and protests for demand of
water

D. A family gets three buckets of water per
person per day

Answer: D



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2. Seas and oceans are full of water on earth. However, a very small percentage of water present on earth is available for us. This percentage is roughly

A. 0.006

B. 0.06

C. 0.6

D. 6

Answer: C



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3. Which of the following are not the liquid forms of water?

(i) Snow

(ii) Lake water

(iii) River water

(iv) Water vapour

(v) Ice

Choose the correct combination from the options below.

A. (i), (iv) and (v)

B. (i) and (ii)

C. (ii) and (iii)

D. (iv) only

Answer: C



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4. A man digging the ground near a water body found that the soil was moist. As he kept digging deeper and deeper he reached a level where all the spaces between particles of soil

and gaps between rocks were filled with water.

The upper limit of this layer is called

- A. water level.
- B. water table
- C. ground water.
- D. water limit

Answer: B



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5. Which of the following is a way to use water economically?

A. Construction of bawris

B. Rainwater harvesting

C. Drip irrigation

D. Infiltration

Answer: C



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6. On which of the following day is World Water Day observed?

A. 22 march

B. 14 november

C. 2 october

D. 21 december

Answer: A



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7. The amount of water recommended by the United Nations for drinking, washing, cooking and maintaining proper hygiene per person per day is a minimum of

A. 5 litres

B. 15 litres

C. 30 litres

D. 50 litres

Answer: D



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8. “Every Drop Counts” is a slogan related to

A. counting of drops of any liquid

B. counting of water drops

C. importance of water

D. importance of counting

Answer: C



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9. Water cycle does not involve which of the following?

- A. Evaporation
- B. Condensation
- C. Formation of clouds
- D. Rainwater harvesting

Answer: D



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10. Which of the following inhibits the seepage of rainwater into ground?

A. A pukka floor

B. Playground

C. Grass lawn

D. Forest land

Answer: A



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Very Short Answer Questions True Or False

1. Water vapour is the gaseous form of water.



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2. State whether the following statements are True or False. If false, give the correct statement. Ice is solid whereas snow is the semi-solid form of water.



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3. State whether the following statements are True or False. If false, give the correct statement. Ocean water cannot be used for domestic purposes.



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4. State whether the following statements are True or False. Rapid growth of industries is one of the causes for water shortage



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5. Some definitions are given below which can be corrected by changing one word. Correct them

Aquifer is ground water stored between layers of hard rock above the water table.



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6. Some definitions are given below which can be corrected by changing one word. Correct

them. The process of evaporation of water in the ground is called infiltration.



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7. The definition given below can be corrected by changing one word:

The evaporation of water from oceans and its arrival back into oceans is called vapour cycle



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8. What is the source of water in each of the following ?

(a) Wells

(b) Ground

(c) Atmosphere



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9. State whether the following statements are True or False. If false, give the correct statement.

The process of seeping of water into ground is called filtration.



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10. State whether the following statements are True or False. If false, give the correct statement. 51% of the earth's surface is covered with water.



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11. State whether the following statements are True or False. Year 2003 was observed as the International Year of Freshwater.



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12. State whether the following statements are True or False. Snow and ice both are solid forms of water



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Short Answer Questions

1. Fill in the blanks in the given passage.

The rainwater and _____ from other sources such as rivers and ponds seeps through the _____ and fills the empty spaces and cracks deep below the ground. The process of seeping of water into the ground is called _____.



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2. Fill in the blanks and complete the story selecting words from the box given here.

cold, demand, leaders, dry, hot, scarcity, workers, wet, oceans, harvesting, rivers

Rajasthan is a _____ and dry place. The challenge of natural _____ of water was met by a successful experiment. A band of social _____ had transformed a _____ area into a green place. They have revived five dried-up _____ by constructing water _____ structures.



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3. Place the following statements in a proper order to form a meaningful paragraph.

(a) Which in turn decreases the seepage of rain water into the ground.

(b) This decreases the open areas like park, and playgrounds.

(c) Increasing population create demand for construction of houses, shops, offices, roads and pavements.

(d) This results in depletion of water table and creates scarcity of more water.



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4. How can you observe the three forms of water in (i) nature and (ii) at home?



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5. Complete the given table

Form of Water	Process by which formed	Location where found
(a) Liquid		
(b) Solid		
(c) Gaseous		



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6. Match Column I with Column II

Column I	Column II
(a) ground water	(i) solid form of water
(b) <i>bawri</i>	(ii) wastage of water
(c) snow	(iii) water management
(d) drip irrigation	(iv) small water
(e) leaking taps	(v) water table



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7. A list of jumbled words are given here. Write the correct form of each word.

(a) WASHFERRET (b) CHARREGE (c) QUIFERA (d)

WOSN



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8. From where do the following usually get water? In which form is water present in them?

(a) Clouds

(b) Plants

(c) Mountain tops

(d) Aquifer

(e) Animals

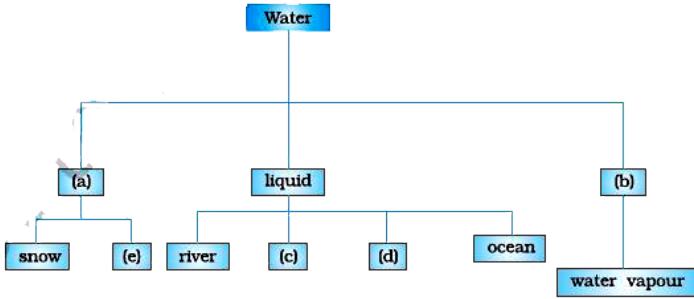


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Long Answer Questions

1. Complete the following chart by writing appropriate words in the boxes marked (a) to

(e).



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2. What is ground water? What are the sources of water which are fed by ground water?



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3. Water is very precious for all the living beings. What will happen in future if we do not save water now?



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