

EXERCISE

OBJECTIVE QUESTIONS

- Water which is absolutely pure and free from any impurity is known as
(A) boiled water (B) mineral water
(C) distilled water (D) None of these
- Solubility of sugar in water
(A) decrease with increase in temperature
(B) increase with increase in temperature
(C) is not affected by temperature
(D) None of these
- Which of these statements is true ?
(A) Density of ice is more than the density of water .
(B) Volume of ice is more than the volume of water
(C) Temperature of ice is more than the temperature of water
(D) None of these
- Pure water is -
(A) an element (B) a compound
(C) a mixture (D) None of these
- Water is called universal solvent because -
(A) It can dissolve all the liquids in the universe
(B) it dissolve all the gases in the universe
(C) it dissolve large number of solids, liquids and gases
(D) None of these
- What percentage of water is in our body?
(A) 30% (B) 70%
(C) 20% (D) None of these
- Which of these is surface water?
(A) Lakes and rivers
(B) Wells
(C) Distilled water
(D) None of these
- The boiling point of water on plains is 100°C. At hills it will be _____
(A) 100°C
(B) more than 100°C
(C) less than 100°C
(D) None of these

- The purest form of natural water is -
(A) rain water (B) ground water
(C) surface water (D) None of these
- Solubility of gases in water.
(A) Increase with increase in temperature
(B) decreases with decrease in temperature
(C) decreases with increases in temperature
(D) None of these
- Water at room temperature is -
(A) Solid (B) liquid
(C) gas (D) None of these
- Water has maximum density at -
(A) 0°C (B) 10°C
(C) 4°C (D) None of these
- How much of the earth surface is covered with water ?
(A) About 1/3 rd (B) About 1/4 th
(C) About 3/4 th (D) None of these
- The liquid that dissolve in water are called -
(A) insoluble liquids
(B) miscible liquids
(C) immiscible liquids
(D) None of these
- The ratio of the number of hydrogen atoms and those of oxygen in water is -
(A) 2 : 1 (B) 1 : 2
(C) 2 : 2 (D) None of these

SUBJECTIVE QUESTIONS

- Explain how ground water is recharged?
- You have been asked to maintain a garden. How would you minimise the use of water ?
- Write equation for the following reactions.
(a) action of steam on iron.
(b) action of cold water on sodium metal.
- Explain water cycle.
- List the physical properties of water.

ANSWER KEY

- | | | | |
|-------|-------|-------|-------|
| 1. C | 2. B | 3. B | 4. B |
| 5. C | 6. B | 7. A | 8. C |
| 9. A | 10. C | 11. B | 12. C |
| 13. C | 14. B | 15. A | |

EXERCISE

MULTIPLE CHOICE QUESTIONS

- Which of the following activity does not involve use of water?
(a) Washing clothes (b) Bathing
(c) Cleaning utensils (d) Drying wet clothes
- In which of the following activities will you use minimum amount of water?
(a) Bathing (b) Brushing teeth (c) Washing clothes (d) Mopping a room
- The quantity of water required to produce one page of your book is
(a) one bucket (b) ten buckets (c) two glasses (d) few drops
- Water in our tap comes from a
(a) river (b) lake (c) well (d) river, lake or well
- In which of the following case evaporation of water will be slowest?
(a) A tray of water kept in sunlight. (b) A kettle of water kept on a burner.
(c) A glass of water kept in a room. (d) A bucket of water kept on rooftop.
- Transpiration is a process in which plants
(a) receive water from soil. (b) absorb water vapour from air.
(c) prepare food from water. (d) release water vapour.
- Clouds are
(a) tiny drops of water floating in air. (b) mixture of dust and water vapour.
(c) particles of water vapour. (d) rain drops in air.
- Wells are fed by
(a) pond water. (b) lake water. (c) rain water. (d) ground water.
- Floods cause extensive damage to
(a) crops. (b) property and human life.
(c) domestic animals. (d) all of the above.
- "Catch water where it falls" is the basic idea behind
(a) recycling of water. (b) making dams to store water.
(c) rain water harvesting. (d) condensation of water vapour.

VERY SHORT ANSWER QUESTIONS

11. Look at Fig. 5.1.



Write down activities shown in this figure in which water is being used.

12. Write any two activities which require more than a bucket of water.
13. Write any two activities which require less than one bucket of water.

SHORT ANSWER QUESTIONS

14. Why do wet clothes placed on a clothes line get dry after some time? Explain.
15. Water kept in sunlight gets heat from sun and is evaporated. But how does water kept under the shade of a tree also gets evaporated? Explain.
16. How do the areas covered with concrete affect the availability of ground water?
17. Why is there a need for conserving water? Give two reasons.
18. Fill in the blanks selecting words from the following list
snow, rain, clouds, vapour, evaporation, transpiration. Water, as _____ goes into atmosphere by the
processes of _____ and _____ and forms _____, which on condensation fall in the form of
_____ and _____.

LONG ANSWER QUESTIONS

19. Most of the water that falls on the land as rain and snow, sooner or later goes back to a sea or an ocean. Explain how it happens?
20. Draw a diagram to show how sea water reaches a lake or pond.
21. Dissolve two spoons of common salt in half a cup of water. Now if you want to get the salt back, what will you do?
22. Explain the process of rooftop rain water harvesting with the help of a suitable diagram.

ANSWER KEY

1. d 2. b 3. c 4. d 5. c 6. d 7. a
8. d 9. d 10. c
11. (i) Bathing (ii) Washing clothes
12. (i) Washing 10 clothes (ii) Irrigating a crop field
13. (i) Brushing your teeth (ii) Washing hand kerch field