

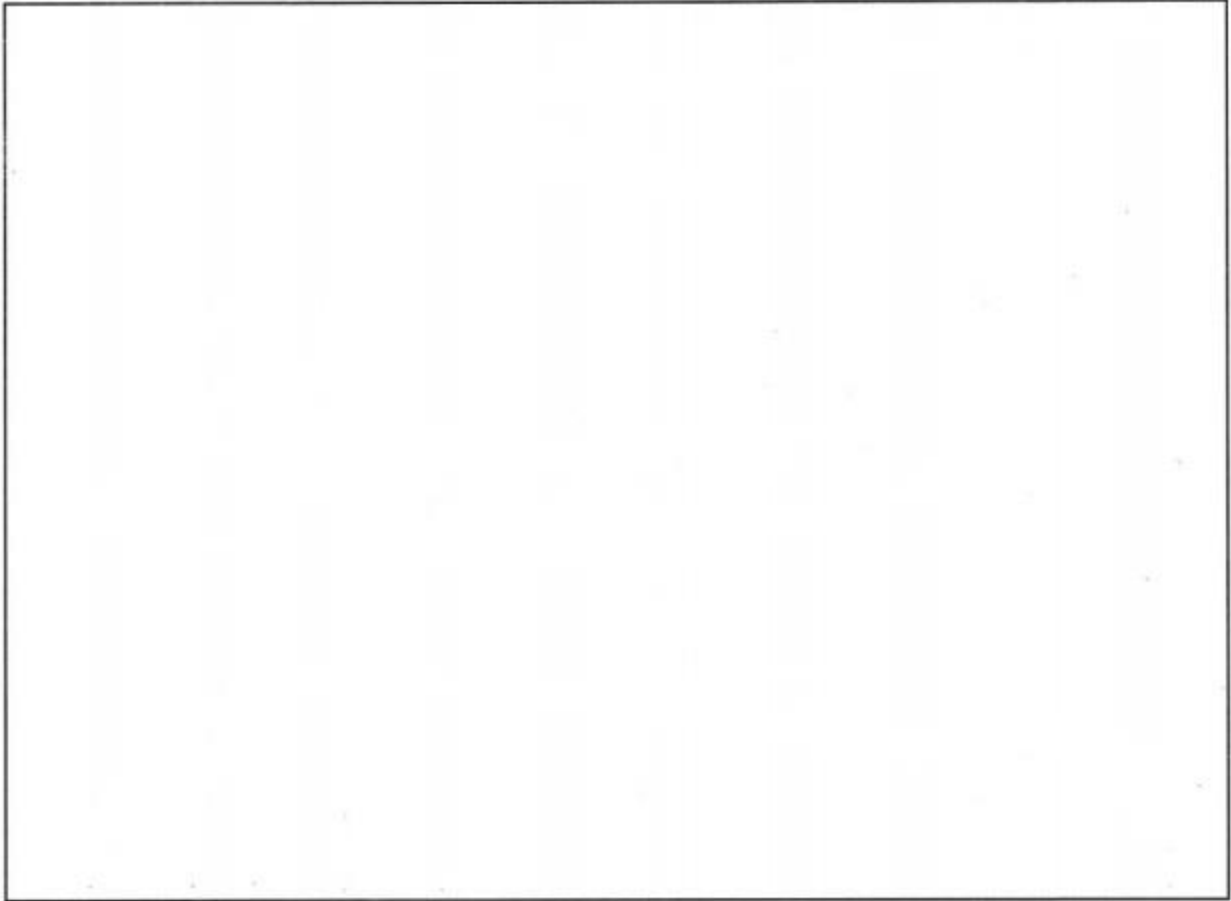
Grade 7 Water: A Precious Resource Worksheets

A. State 'True' or 'False':

1. The freshwater stored in the ground is much more than that present in the rivers and lakes of the world.
2. Water shortage is a problem faced only by people living in rural areas.
.....
3. Water from rivers is the only source for irrigation in the fields.
.....
4. Rain is the ultimate source of water.
5. About three-fourth of the earth's surface is covered by water.

B. Answer the following questions in short:

1. Explain how groundwater is recharged?
2. There are ten tubewells in a lane of fifty houses. What could be the long term impact on the water table?
3. You have been asked to maintain a garden. How will you minimize the use of water?
4. Explain the factors responsible for the depletion of water table.
5. Make a sketch showing groundwater and water table. Label it.



6. Why does earth appear blue?
7. What would you do in order to conserve water run off from roads?
8. Water is very precious for all the living beings. What will happen in future if we do not save water now?

C. Fill in the blanks:

1. People obtain groundwater through and
2. Three forms of water are ,..... , and
3. The water bearing layer of the earth is
4. The process of water seepage into the ground is called

D. Tick (✓) the correct option:

1. Which one of the following is not responsible for water shortage?
 - (a) Rapid growth of industries
 - (b) Increasing population
 - (c) Heavy rainfall
 - (d) Mismanagement of water resources

2. The total water:
- (a) in the lakes and rivers of the world remains constant
 - (b) under the ground remains constant
 - (c) in the seas and oceans of the world remains constant
 - (d) of the world remains constant

3. Which of the following has groundwater as its source?

- (a) Tubewell
- (b) Handpump
- (c) Borewell
- (d) All of these

4. Water in the seas is fit for:

- (a) human consumption
- (b) agricultural purposes
- (c) industrial use
- (d) none of these

E. Match the following:

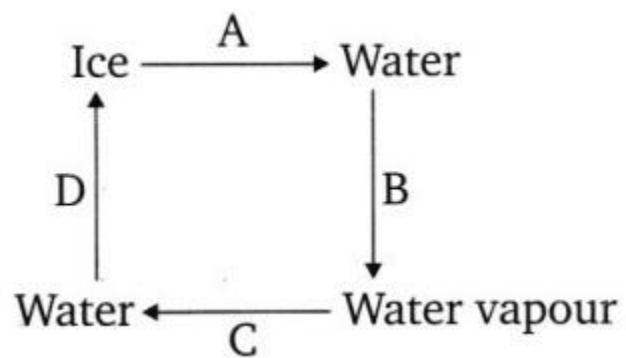
'A'	'B'
1. If cooled below 0° water freezes to form	a. Steam
2. When heated above 100°C water boils to form a colourless vapour called	b. Solid
3. Freshwater comes from	c. Surface run off
4. The water entering a river or stream is called	d. Water cycle

F. Role Play

You are a water detective in your school. You have a team of six members. Survey the campus and make a note of the following:

- 1. Total number of taps
- 2. Number of taps leaking
- 3. Amount of water wasted due to leakage
- 4. Reasons of leakage
- 5. Corrective measures taken

G. The diagram given below shows the changes in state that water goes through.



Which letter represents the following processes?

Condensation:

Evaporation:

Freezing:

Melting: