

Note:

1. Read and understand the questions properly
2. Write a complete and logical answer
3. Detailed answers are appreciated for questions with more than 2 marks.

Parameter	Yes	No	Partially
Was the student prepared well for the test?			
Areas of improvement followed			
Most of the answers were answered satisfactorily.			
Have students go through answers before submission?			
Has the student done better in the current test? If not reason -			

Evaluator feedback to student:

Maximum Marks	38
Marks Obtained	
%	

Previous Performance (PP)				
Date	Subject	Chapter	Marks	%

Parent Signature	Parent Signature

Section A $[7 \times 0.5 = 3.5]$

1. In which of the following cases evaporation of water will be the slowest?

- (a) A tray of water is kept in sunlight.
- (b) A kettle of water is kept on a burner.
- (c) A glass of water is kept in a room.
- (d) A bucket of water was kept on the rooftop

2. Transpiration is a process in which plants

- (a) Receive water from the soil.
- (b) Absorb water vapour from air.
- (c) Prepare food from water.
- (d) Release water vapour.

3. Clouds are

- (a) Tiny drops of water floating in the air.
- (b) Mixture of dust and water vapour.
- (c) Particles of water vapour.
- (d) Raindrops in air.

4. Wells are fed by

- (a) Pond water
- (b) Lake water
- (c) Rainwater
- (d) Groundwater

5. “Catch water where it falls” is the basic idea behind

- (a) Recycling of water.
- (b) Making dams to store water.
- (c) Rainwater harvesting.
- (d) Condensation of water vapour.

6. Precipitation is the phenomenon of _____.

- a) Rising of water drops
- b) Falling of water drops
- c) Accumulation of water drops
- d) Deposition of water drops

7. Which of the following best describes condensation?

- (i) The conversion of water into its vapour state.
- (ii) The process of water changing from a liquid into a gaseous state.



- (iii) The formation of clouds from tiny water droplets.
- (iv) The conversion of water vapour into its liquid state

8. Fill in the blanks:

[$18 \times 0.5 = 9$] /

- (a) The process of _____ plays an important role in bringing water back to the surface of the earth.
- (b) _____ cause extensive damage to crops, domestic animals, property, and human life.
- (c) . The amount of water vapor in the air is also known as _____.
- (d) . _____ machines collect water from _____ air to produce _____ water. This is done through _____ of _____ by _____ the air.
- (e) The process of conversion of a solid into liquid state is called _____. The process of conversion of liquid into solid state is called _____.
- (f) _____ plays a significant role in the process of bringing evaporated water back to the Earth's surface.
- (g) Evaporation causes _____ effect.
- (h) Most of the water is found in _____ and _____
- (i) The saline water is not fit for _____, _____, and _____ use.

Section B

[7.5 M] /

Reasoning Questions:

- Q1. Water droplets appear on the outer surface of a glass full of cold water. Why. [2 M]
- Q2. State for each of the following whether it is due to evaporation or condensation: [2.5 M]
 - (a) Water drops appear on the outer surface of a glass containing cold water.
 - (b) Steam rising from wet clothes while they are ironed.
 - (c) Fog appearing on a cold winter morning.
 - (d) The blackboard dries up after wiping it.
 - (e) Steam rising from a hot girdle when water is sprinkled on it.



Q3. Name two processes responsible for the formation of clouds. [1 M]

Q4. [2 M]

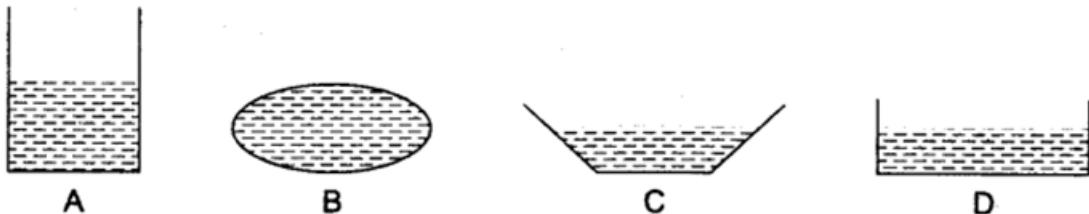


Fig. 14.9

There are 4 containers A, B, C, and D with the same amount of water in each. Answer the following based on them.

(a) Name the container in which water will evaporate faster than all others.

(b) Name the container in which water will evaporate very slowly.

Give a reason for your answer.

Q5. Clothes dry slowly on rainy days? [1 M]

Q6. Why is the water in the earthen pot so cold? [2 M]

Section C

[12 M] /

Q7. Write a short note on the water cycle. [2M]

Q8. What happens if it does not rain for a long period?

Q9. What is rainwater harvesting? Discuss rooftop rainwater harvesting in detail. [3M]

Q10 As our population grows, we will require more water for drinking, washing, and other purposes.

Is this affecting the water table? Explain. [1M]

Q11. How is water present in the solid state in nature? [1M]

Q12. Write factors that affect the rate of evaporation. [2M]

Q13. Write the source of fresh water on earth. [1M]

Q14. State the causes of water pollution. [2M]



Section D

[6 M] /

Picture study:

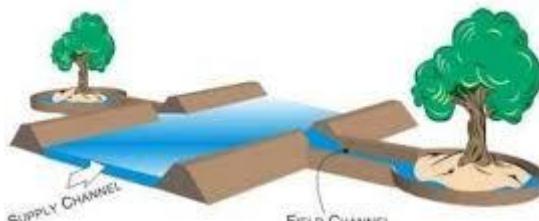
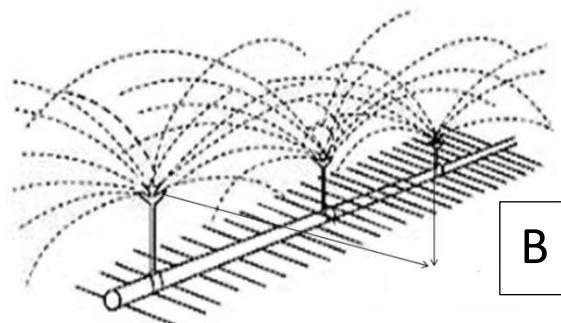
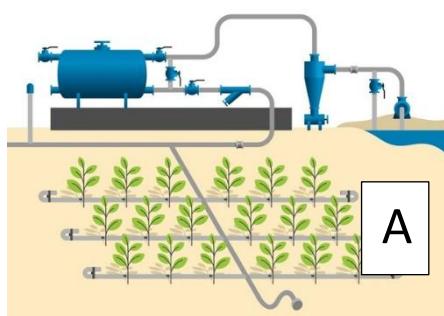
[2M]

Q15. Label - Cloud, Lake, Ocean, River, Groundwater, Evaporation, Condensation, Rain, Snow in the diagram below



Q16. Identify the diagram below

[4M]



Identify A, B, and C.

Mention the advantages of A, B, and C

Ring basin method of irrigation