

LEVEL-4 SCIENCE
REVISION WORKSHEET -1-(Solved)
UNIT -5
CHANGING STATE

I.FILL IN THE BLANKS.

1. A Clean supply of water is essential for good health.
2. A camel can drink as much as 130 litres of water at a time.
3. The release of waste substances in the water from houses and industries is called water pollution.
4. A gas called chlorine is added to drinking water to kill germs.
5. Cactus is a desert plant that can live without water for a very long time.
6. Irrigation is essential for the growth of plants.

II.TRUE OR FALSE.

1. Water pollution makes fish and other aquatic animals to die. -True
2. Paper is made from a pulp of water and wood. -True
3. If water is heated to 100°C it turns to gas. -True
4. Water freezes at 0°C—true

5. The water in the sea and ocean is sweet. - False

6. Polluted water is good for the living things. - False

III. MATCH THE FOLLOWING

<u>A</u>	<u>B</u>	<u>Ans</u>
1. Some plants	trap the dirt from water	4
2. many rivers	Absorbs water through their skin	5
3. Five great oceans	Grows in water	1
4. beds of sands and gravel	start from spring water	2
5. some water animals	Cover three quarters of the Earth	3

IV. NAME THE FOLLOWING.

1. Huge pieces of ice float in the sea near the polar region. — iceberg

2. Change of state from solid to liquid by the process of heating --- melting

3. A thin white layer of ice that forms when temperature is below the freezing point of water---
frost

V. DEFINE THE FOLLOWING.

1. Acid rain; -The smokes emitted from the industries, power stations and motor vehicles contains chemicals which eventually combines with the water present in the atmosphere and forms acid rain

2. Condensation

When water vapour cools down, it turns back to water .This is called condensation

VI. GIVE REASON.

1. In some areas soil become too salty for crops to grow.

Ans; As the irrigation water evaporates in the sun, salt builds up in the top layer of the soil. This makes the soil or land too salty for crops to grow.

2. Warm seas are saltier than cold ones.

Ans; This is because the hot sun evaporates the sea water leaving the salt behind

VII.QUESTION AND ANSWERS.

1.What are the industrial uses of water?

- **Used as solvent to dissolve many substances.**
- **To generate steam to turn turbines.**

2.How can we save our environment from pollution?

- **Domestic and industrial waste should not be dumped into water bodies.**
- **Factory chimneys should have filters to release the smoke.**

3.How does a river formed?

- **The mountain spring are formed when rain water soaks into the ground and then bubbles up again**
- **The water from the spring then forms a river that flow to join into the sea.**

4.Describe how cactus is adapted to desert habitat.

- **Cactus have leaves in the form of spines to reduce water lose.**
- **They have long roots to collect and store water from large areas.**
- **They have large fleshy area to store more water.**

5. What are the main causes of sea pollution?

- Nuclear wastes from power stations.
- Plastic bottles and bags thrown by humans.
- Dumping of untreated sewage

VIII. COMPLETE THE BELOW WATER CYCLE.



