

## Air, Water and Weather

### Fill in the blanks: -

1. Movement of the air is affected by the \_\_\_\_\_ of the sun.
2. After heating, the air becomes \_\_\_\_\_ and \_\_\_\_\_.
3. When the atmosphere is very cold, water vapor falls as \_\_\_\_\_.
4. Water is present in the air in the form of \_\_\_\_\_.
5. Sand absorbs \_\_\_\_\_ heat than water.
6. At night, the coastal area is \_\_\_\_\_ than the sea.
7. Water changes its form on \_\_\_\_\_ and \_\_\_\_\_.
8. \_\_\_\_\_ is the safest way to clean the water.
9. \_\_\_\_\_ is used to clean the well water.
10. The underground water is found below the \_\_\_\_\_ layer as it is not able to pass through the \_\_\_\_\_ rocks.

### Define the following: -

Weather- \_\_\_\_\_

Humid- \_\_\_\_\_

Atmospheric pressure- \_\_\_\_\_

Wind- \_\_\_\_\_

Storm- \_\_\_\_\_

Sea breeze- \_\_\_\_\_

Land breeze- \_\_\_\_\_

Underground water- \_\_\_\_\_

Sedimentation- \_\_\_\_\_

Decantation- \_\_\_\_\_

Filtration- \_\_\_\_\_

Condensation- \_\_\_\_\_

Evaporation- \_\_\_\_\_

Fog- \_\_\_\_\_

Water table- \_\_\_\_\_

Dew- \_\_\_\_\_

Water vapor- \_\_\_\_\_

Frost- \_\_\_\_\_

Hail- \_\_\_\_\_

Snow- \_\_\_\_\_

Impurities- \_\_\_\_\_

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Chlorination- \_\_\_\_\_

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**Write short answers: -**

What causes day and night?

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What causes the change in weather and how?

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Why there is water under the ground? How do we extract it?

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What causes wind to blow and how?

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What are the things we should keep in mind while storing water?

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How are clouds formed?

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With the help of a neat labelled diagram, show that the hot air rises up.

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[space for diagram]

Why does the cool air blows towards the land from the coast during the day?

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Why we have shortage of drinking water, even though 71% of the earth's surface is covered with water?

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What are the various sources of water?

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What are the factors which increase the speed of evaporation of water?

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What are the various forms in which water vapor exists in the environment?

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Name the 3 things which make the water impure?

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Name the 5 types of weather.

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Explain the process of sedimentation and decantation with the help of a neat labelled diagram.

[space for diagram]

Why underground water is safe and fit for drinking?

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What are the various methods used to clean the water?

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