

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Air

Q1. Which gas creates greenhouse effect in the atmosphere?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q2. Name three types of rainfall.

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q3. What is air pressure?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q4. What are the three main types of winds?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q5. How does carbon dioxide create greenhouse effect?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q6. Why does hot air rise & cold air sink?

Ans. \_\_\_\_\_  
\_\_\_\_\_

## Air

Q1. Which gas creates greenhouse effect in the atmosphere?

Ans. Carbon dioxide released in the atmosphere creates a greenhouse effect in the atmosphere.

Q2. Name three types of rainfall.

Ans. On the basis of mechanism, there are three types of rainfall: the convectional rainfall, the orographic rainfall and the cyclonic rainfall.

Q3. What is air pressure?

Ans. Air pressure is defined as the pressure exerted by the weight of air on the earth's surface.

Q4. What are the three main types of winds?

Ans. Winds can be broadly divided into three types: Permanent winds, Seasonal winds and Local winds.

Q5. How does carbon dioxide create greenhouse effect?

Ans. Carbon dioxide released in the atmosphere creates a greenhouse effect by trapping the heat radiated from the earth.

Q6. Why does hot air rise & cold air sink?

Ans. When air is heated, it expands, becomes lighter and goes up. Cold air is denser and heavy. That is why it tends to sink down.