



**ABHIGYAN
ACADEMY**

PYQs on Properties of Air and Water 2010-2024



• Which of the following gases is used in fire extinguishers?

- (a) Oxygen
- (b) Nitrogen
- © Carbon dioxide
- (d) Argon



•Question: Which of the following is a property of water that makes it essential for life?

- (a) High boiling point
- (b) High specific heat capacity
- © High surface tension
- (d) High polarity



Question: Which of the following gases is used in the treatment of water to kill harmful microorganisms?

- (a) Oxygen**
- (b) Nitrogen**
- © Chlorine**
- (d) Carbon dioxide**



Which of the following gases is responsible for the greenhouse effect?

- (a) Nitrogen**
- (b) Oxygen**
- © Carbon dioxide**
- (d) Argon**



Question: Which of the following properties of water makes it an excellent solvent?

- (a) High boiling point**
- (b) High polarity**
- © High specific heat**
- (d) High surface tension**



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When pure water boils vigorously, the bubbles that rise to the surface are composed primarily of:

- (a) Air
- (b) Hydrogen
- © Hydrogen and oxygen
- (d) Water vapor



Which of the following gases is a major component of biogas?

- (a) Oxygen**
- (b) Nitrogen**
- © Methane**
- (d) Carbon dioxide**



Which of the following properties of air is utilized in the process of photosynthesis?

- (a) Presence of nitrogen**
- (b) Presence of oxygen**
- © Presence of carbon dioxide**
- (d) Presence of argon**