

CHAPTER 8 - COMPOSITION AND STRUCTURE OF ATMOSPHERE

1. It is an element of atmosphere

- (a) Tides (b) Pressure (c) Water currents (d) Waves

Answer : (b) Pressure

2. Which gas is opaque to the outgoing terrestrial radiation?

- (a) Dust Particles (b) Ozone (c) Carbon dioxide (d) Water Vapour

Answer : (c) Carbon dioxide

3. The uppermost layer of the atmosphere is

- (a) Mesosphere (b) Exosphere (c) Ionosphere (d) Stratosphere

Answer : (b) Exosphere

4. Which one of the following gases constitutes the major portion of the atmosphere?

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

Answer : (b) Nitrogen

5. Which of the following gases absorbs ultraviolet rays?

- (a) Carbon Dioxide (b) Neon (c) Ozone (d) Nitrogen

Answer : (c) Ozone

6. Excess carbon dioxide in the atmosphere due to pollution will cause

- (a) Earth's temperature to rise (b) Earth's temperature to fall (c) Decrease in weather phenomenon
(d) Ozone layer to become thicker

Answer : (a) Earth's temperature to rise

7. Which zone separates the troposphere from the stratosphere?

- (a) Mesopause (b) Tropopause (c) Ionosphere (d) Stratopause

Answer : (b) Tropopause

8. The increase in the volume of carbon dioxide for the past few decades is mainly due to

- (a) deforestation (b) climate change (c) atmospheric composition (d) burning of fossil fuels

Answer : (d) burning of fossil fuels

9. What envelopes the earth all round?

- (a) Hydrosphere (b) Lithosphere (c) Atmosphere (d) Biosphere

Answer : (c) Atmosphere

10. Radio waves transmitted from the earth are reflected back to the earth by

- (a) Mesosphere (b) Troposphere (c) Ionosphere (d) Stratosphere

Answer : (c) Ionosphere