

Passage

Climate change is a global issue that affects us all. One significant contributor to climate change is the emission of greenhouse gases, such as carbon dioxide (CO₂), methane (CH₄), and nitrous oxide (N₂O). These gases trap heat in the Earth's atmosphere, leading to a rise in global temperatures. This phenomenon is known as the greenhouse effect. To combat climate change, it's essential to reduce greenhouse gas emissions by adopting clean energy sources, improving energy efficiency, and promoting sustainable practices.

MCQ Questions:

1. What is one significant contributor to climate change, as mentioned in the passage?
 - a) Depletion of the ozone layer
 - b) Emission of greenhouse gases
 - c) Deforestation
 - d) Overpopulation
2. Which of the following is NOT a greenhouse gas mentioned in the passage?
 - a) Carbon dioxide (CO₂)
 - b) Oxygen (O₂)
 - c) Methane (CH₄)
 - d) Nitrous oxide (N₂O)
3. What is the primary consequence of greenhouse gases as described in the passage?
 - a) Cooling the Earth's atmosphere
 - b) Depleting the ozone layer
 - c) Trapping heat in the Earth's atmosphere
 - d) Increasing precipitation
4. How can we combat climate change, according to the passage?
 - a) By using more fossil fuels
 - b) By reducing energy efficiency
 - c) By adopting clean energy sources and sustainable practices
 - d) By increasing greenhouse gas emissions
5. What is the term for the phenomenon where greenhouse gases trap heat in the Earth's atmosphere?
 - a) Global warming
 - b) Ozone depletion
 - c) The greenhouse effect
 - d) Acid rain

Passage

Answers:

1. What is one significant contributor to climate change, as mentioned in the passage?

Answer: b) Emission of greenhouse gases

2. Which of the following is NOT a greenhouse gas mentioned in the passage?

Answer: b) Oxygen (O₂)

3. What is the primary consequence of greenhouse gases as described in the passage?

Answer: c) Trapping heat in the Earth's atmosphere

4. How can we combat climate change, according to the passage?

Answer: c) By adopting clean energy sources and sustainable practices

5. What is the term for the phenomenon where greenhouse gases trap heat in the Earth's atmosphere?

Answer: c) The greenhouse effect