

Atmosphere

Sr	Questions	Answers Choice
1	Which statement about carbon dioxide is correct	<p>A. CO₂ is a greenhouse gas that absorbs infrared radiation</p> <p>B. CO₂ Destroys the ozone layer</p> <p>C. CO₂ is lighter than air and escapes to space</p> <p>D. CO₂ is the major component of the atmosphere</p>
2	NO ₂ in the atmosphere contributes to	<p>A. Acid rain formation and photochemical smog</p> <p>B. Ozone layer repair</p> <p>C. Decrease in greenhouse effect only</p> <p>D. Building of clouds only</p>
3	Effects of deforestation include	<p>A. Loss of biodiversity</p> <p>B. Soil degradation</p> <p>C. Water cycle disruption</p> <p>D. All of these</p>
4	Which layer of the atmosphere contains most of the Earth's weather phenomena.	<p>A. Troposphere</p> <p>B. Stratosphere</p> <p>C. Thermosphere</p> <p>D. Mesosphere</p>
5	What are the primary chemical processes that remove carbon dioxide from the atmosphere.	<p>A. Photosynthesis</p> <p>B. Combustion</p> <p>C. Respiration</p> <p>D. Volcanic activity</p>
6	Exposure to high levels of ground level ozone causes.	<p>A. Improved athletic performance</p> <p>B. Respiratory irritation and reduced lung function</p> <p>C. Instant immunity to infections</p> <p>D. Strengthening of materials</p>
7	Which of the following limits emission of particulate matter in air.	<p>A. Scrubbers</p> <p>B. Catalytic converter</p> <p>C. Diesel particulate filter</p> <p>D. None of these</p>
8	Which is considered a natural source of air pollution.	<p>A. Industrial smokestacks only</p> <p>B. Volcanic eruptions and dust storms</p> <p>C. Automobile exhaust only</p> <p>D. Power plants only</p>
9	Incomplete combustion of carbon based fuels tends to form.	<p>A. CO₂ only</p> <p>B. CO and soot</p> <p>C. Ozone directly</p> <p>D. Nitrogen gas only</p>
10	How does acid rain damage stone monuments made of limestone.	<p>A. Dissolving calcium carbonate by acid reaction</p> <p>B. By coating them with salty layers</p> <p>C. Strengthening the stone chemically</p> <p>D. Collapsing them down rapidly</p>
11	Acid rain mainly results from atmospheric deposition of.	<p>A. H₂O only</p> <p>B. Ammonia only</p> <p>C. Hydrochloric acid only</p> <p>D. Nitric acid and sulfuric acid</p>
12	Incomplete combustion of carbon based fuels tends to form.	<p>A. CO₂ only</p> <p>B. CO and soot</p> <p>C. Ozone directly</p> <p>D. Nitrogen gas only</p>
13	Which gas is the most important long lived anthropogenic greenhouse gas by concentration	<p>A. Water vapour</p> <p>B. Nitrogen</p> <p>C. Oxygen</p> <p>D. Carbon dioxide</p>
		A. Cause tooth decay

14	How do NO _x emissions effect huma health primarily.	<p>B. Irriate respiratory system and recuce lung function</p> <p>C. Cause immediate blindness</p> <p>D. Improve air qaulity</p>
15	Vehicular exhaust mainly contributes to which pollutants.	<p>A. CO, NO_x, hydrocarbons , particulates</p> <p>B. Ozone layer recovery</p> <p>C. Only nitrogen gas</p> <p>D. Pure oxygen</p>
16	The depletion of Ozone in stratosphere region is mainly due to the reactionof O ₃ with	<p>A. CO₂</p> <p>B. SO₂</p> <p>C. CFSs</p> <p>D. O₂</p>
17	Carbon monoxide is dangerous because it	<p>A. Is highly flammable only</p> <p>B. Reacts to prdocuce ozone directly</p> <p>C. Binds with haemoglobin preventing oxygen transport</p> <p>D. Is intert and hamless</p>
18	Primary pollutants like nitrogen oxide and volatile organic compounds react in the presence of sunligh to form a key componetn ofphotocheical smong. which is a.	<p>A. Primary pollutant</p> <p>B. Secondary Pollutant</p> <p>C. Natrually occuring atmospheric gas</p> <p>D. Harmless byproduct o combustion</p>
19	Green house gases cause global warming by	<p>A. By producing heat</p> <p>B. They trap the heat emitted by earth</p> <p>C. They are hot themselves</p> <p>D. None of these</p>
20	How forests contribute to lowering the temperatue of earth.	<p>A. Forests cool themselves</p> <p>B. Forests absorb greenhouse gases</p> <p>C. Forests do most effect temperatut of earth</p> <p>D. Forests help wild life</p>