

Atmosphere

Sr	Questions	Answers Choice
1	A key componetn that distingulishes photochemical smog from industiral smog is the presence of	<p>A. High concentrations of sulfur dioxide</p> <p>B. A significant amunt o ozone and other photochemcial oxidants like PAN</p> <p>C. Reduced visibilit due to fog and smoke Particles</p> <p>D. Formation primarily during the early morning house</p>
2	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>
3	Which of the following is a secondary pollutant.	<p>A. Sulphur dioxide</p> <p>B. Carbon monoxied</p> <p>C. Ground level ozone</p> <p>D. particulate mattter emitted directly</p>
4	The depletion of Ozone in stratosphere region is mainly due to the reactionof O3 with	<p>A. CO2</p> <p>B. SO2</p> <p>C. CFSs</p> <p>D. O2</p>
5	Which of the followign lowers the air quality.	<p>A. Natural dust storms</p> <p>B. Rainfall</p> <p>C. staying at home</p> <p>D. None of these</p>
6	Percentage of oxygen in atmosphere	<p>A. 78.09%</p> <p>B. 21.01%</p> <p>C. 0.04%</p> <p>D. 0.93%</p>
7	Wheather events occur in which layere of atmosphere.	<p>A. Mesosphere</p> <p>B. Theremosphere</p> <p>C. Troposhphere</p> <p>D. Stratosphere</p>
8	Primary pollutants are	<p>A. Emitted directly from sources into the atmosphere</p> <p>B. Formed in the atmosphere by reactions</p> <p>C. Only naturali origin</p> <p>D. Harmless gases</p>
9	Which of the following is a natural factor that can improee air quality.	<p>A. Wildfire</p> <p>B. Urbanziation</p> <p>C. Rainfall</p> <p>D. Industrial emission</p>
10	NO2 in the atmopshere contributes to	<p>A. Acid rain formation and phtochemcia smog</p> <p>B. Ozone layer repair</p> <p>C. Decreasign greenhouse effect only</p> <p>D. Building of clouds only</p>
11	Major human soruces of CO2 increase in atmosphere is	<p>A. Fossil fuel combuston and deforestation</p> <p>B. Phtosyntheiss</p> <p>C. Ocean uptake</p> <p>D. Nirogen fixation</p>
12	Which is point souce of pollution.	<p>A. Cars</p> <p>B. Factories</p> <p>C. Airplanes</p> <p>D. All of these</p>
13	Major source of NOx in the atmosphere is.	<p>A. Photosynthesis</p> <p>B. High temperatur ecombustion in vehicles and power plants</p> <p>C. Ocean evaporation</p>

		D. Volcanic ash only
14	Which of the following is a heavy metal	A. Cadmium B. Lead C. Mercury D. All of these
15	Which range of AQI is considered hazardous.	A. 0-50 B. 51 - 100 C. 301 - 500 D. 201 - 300
16	Acid rain is primarily caused by the release of which of the following gases into the atmosphere.	A. CO ₂ and CH ₄ B. SO ₂ and NO ₂ C. CFCs and halogens D. O ₃ and CO
17	How do NO _x emissions effect huma health primarily.	A. Cause tooth decay B. Irriate respiratory system and recuce lung function C. Cause immediate blindness D. Improve air qaulity
18	Carbon monoxide is dangreous because it	A. Is highly flammable only B. Reacts to produce ozone directly C. Is inert and harmless D. Binds with haemoglobin preventing oxygen transport
19	Ash from volcanic eruption is	A. Primary Pollutant B. Secondary pollutant C. Tertiary pollutant D. None of these
20	The chemcial specie responsibel for ozone depletion by chlorofluorcarbons is.	A. Chloride free radical B. CFCmolecule itself C. UV rays D. Organic compounds