

## Chemistry 9th Class English Medium Unit 10 Online Test

Sr	Questions	Answers Choice
1	Indicate the source of sulphur which is responsible for the presence of oxides of sulphur in the atmosphere.	A. Combustion of fossil fuels B. Decomposition of vegetation C. Waste gases from digestion of animals D. Photochemical smog
2	Concentration of which gas in the atmosphere is decreased by photosynthesis in plants.	A. Oxygen B. Nitrogen C. Carbon dioxide D. Water vapours
3	Which substance remains unaffected in the catalytic converter fixed in the exhaust of the automobiles.	A. NO <sub>2</sub> B. NO C. CO <sub>2</sub> D. CO
4	People of which age groups are most affected by the air pollution.	A. Children B. Young Adults C. Cancer patient D. Both children and aged people
5	In which area there is a greater possibility of acid rain.	A. Around water bodies B. Around industrial area C. Around big cities D. Around village
6	Why is smog not felt in summer?	A. Because fog is not present in summer B. Because in summer smoke and fog cannot mix with each other C. Because less fossil fuels are burnt in summer D. Because due to heat of the Earth the smoke rises up
7	Which catalyst is used in the catalytic converter fixed in the exhaust systems of automobiles.	A. Ni B. Pt, Pd and Rh C. Cu D. CaO
8	Which components are essential for the formation of photochemical smog.	A. NO <sub>2</sub> volatile organic compounds sunlight B. CO, NO <sub>2</sub> , CO <sub>2</sub> C. CO <sub>2</sub> , NO <sub>2</sub> , Sunlight D. Volatile organic compounds, NO <sub>2</sub> , CO
9	Which gases contribute towards the formation of acid rain.	A. Oxides of Both the oxides of nitrogen and sulfur B. Oxides of carbon C. Oxides of sulphur D. Oxides of nitrogen
10	% age of oxygen gas by volume in dry air is	A. 21% B. 90% C. 40% D. 30%
11	99% of atmosphere consists of	A. O <sub>2</sub> and CO <sub>2</sub> B. N <sub>2</sub> and H <sub>2</sub> C. N <sub>2</sub> and O <sub>2</sub> D. N <sub>2</sub> and CO <sub>2</sub>
12	The envelope of different gases around the Earth is called.	A. Biosphere B. Hydrosphere C. Atmosphere D. Lithosphere
13	The percentage by volume of nitrogen in dry air is.	A. 0.93% B. 0.03% C. 78% D. 20.94%
14	Which one of these pollutants are not found in car exhaust fumes.	A. NO <sub>2</sub> B. SO <sub>2</sub> C. CO D. CO <sub>2</sub>

		<p>C. CO</p> <p>D. O<sub>3</sub></p>
15	Carbon monoxide is harmful to us because.	<p>A. It paralyses the lungs</p> <p>B. It reduces oxygen carrying ability of haemoglobin</p> <p>C. It damages lungs tissues</p> <p>D. It makes the blood coagulate</p>
16	The percentage of SO <sub>2</sub> released by the combustion of coal and petroleum products is.	<p>A. 40%</p> <p>B. 80%</p> <p>C. 60%</p> <p>D. 70%</p>
17	Which is not a characteristics of SO <sub>2</sub> ?	<p>A. It is colourless gas</p> <p>B. It has irritating smell</p> <p>C. It does not form sulphuric acid</p> <p>D. It causes suffocation</p>
18	How many % of marine mammals are at the risk of choking on plastic.	<p>A. 78%</p> <p>B. 21%</p> <p>C. 0.03%</p> <p>D. 99%</p>
19	How many percentage of all available water use by humans.	<p>A. 2%</p> <p>B. 3%</p> <p>C. 4%</p> <p>D. 1%</p>
20	Which gas is produced by the electrical lightning in air.	<p>A. NO</p> <p>B. SO<sub>2</sub></p> <p>C. SO<sub>3</sub></p> <p>D. CO<sub>2</sub></p>
21	Which is not an air pollutant	<p>A. SO<sub>2</sub></p> <p>B. NH<sub>3</sub></p> <p>C. CO<sub>2</sub></p> <p>D. CO</p>
22	Which is not a poisonous gas.	<p>A. CO</p> <p>B. Ozone</p> <p>C. Carbon dioxide</p> <p>D. All of these</p>
23	Higher concentration of CO causes	<p>A. Fatigue</p> <p>B. Headache</p> <p>C. Breathing difficulties</p> <p>D. All of these</p>
24	A pollutant is a waste material that pollutes.	<p>A. Water</p> <p>B. Soil</p> <p>C. Air</p> <p>D. All of these</p>
25	Which factor determines the severity of a pollutant.	<p>A. Persistence</p> <p>B. Concentration</p> <p>C. Chemical nature</p> <p>D. All of the above</p>
26	Which of the following is a poisonous gas.	<p>A. Ozone</p> <p>B. Oxygen</p> <p>C. Nitrogen</p> <p>D. Carbon dioxide</p>
27	Which gas is emitted due to volcanic eruption.	<p>A. SO<sub>2</sub></p> <p>B. N<sub>2</sub></p> <p>C. CO<sub>2</sub></p> <p>D. Both a and b</p>
28	Normally rain water is weakly acidic because of.	<p>A. SO<sub>2</sub> gas</p> <p>B. CO<sub>2</sub> gas</p> <p>C. NO<sub>2</sub> gas</p> <p>D. SO gas</p>
29	Buildings are being damaged by acid rain because it attacks.	<p>A. Calcium sulphate</p> <p>B. Calcium carbonate</p> <p>C. Calcium oxalate</p> <p>D. Calcium nitrate</p>
30	The pH of normal rain water is.	<p>A. 4 - 6</p> <p>B. 6 - 7</p> <p>C. 5 - 6</p> <p>D. 7 - 8</p>
31	A group of gases that maintains temperature of atmosphere is	<p>A. Oxygen and water vapours</p> <p>B. Nitrogen and oxygen</p> <p>C. Carbon dioxide and water vapours</p> <p>D. Nitrogen and carbon dioxide</p>

32	The Earth's atmosphere is getting hotter because of.	A. Increasing concentration of CO B. Increasing concentration of CO <sub>2</sub> C. Increasing concentration of O <sub>3</sub> D. Increasing concentration of SO <sub>2</sub>
33	Which one of the following is not a greenhouse effect?	A. Increasing atmospheric temperature B. Increasing sea level C. Increasing flood risks D. Increasing flood chains
34	Global warming causes rising of the sea level. The cause of global warming is.	A. SO <sub>2</sub> gas B. O <sub>3</sub> gas C. NO <sub>3</sub> gas D. CO <sub>2</sub> gas
35	Global warming is because of	A. Emission of ultraviolet radiations from the Earth's surface B. Absorption of infrared radiations emitted by Earth's surface C. Absorption of infrared radiations coming from the sun D. Absorption of ultraviolet radiations coming from the sun
36	Which gas is responsible for warming the atmosphere.	A. Nitrogen B. Hydrogen C. Carbon dioxide D. Helium
37	Which gas in the atmosphere acts as a glass wall of a greenhouse.	A. Carbon Dioxide B. Oxygen C. Hydrogen D. Sulphur Dioxide
38	Increased concentration of CO <sub>2</sub> in air results.	A. Temperature remains same B. Increasing temperature C. Decreasing temperature D. None of the above
39	Which type of pollutants are responsible for changing weather.	A. Soil pollutants B. Water pollutants C. Air pollutants D. All of the above
40	Fossil fuel means.	A. Coal B. Petroleum C. Natural gas D. All of these
41	Forest fires and burning of wood emit.	A. O <sub>2</sub> B. Cl <sub>2</sub> C. N <sub>2</sub> D. CO <sub>2</sub>
42	How many trees are there in the world.	A. 3.21 trillion B. 3.21 million C. 3.04 trillion D. 3.04 million
43	How many trees are cut down to make toilet paper every day.	A. 27000 B. 2200 C. 2000 D. 2700
44	How many tons of ice have lost since 1990?	A. 28 trillion B. 10 trillion C. 18 trillion D. 8 trillion
45	How many tons of ice melt every year?	A. 0.2 trillion B. 3.2 trillion C. 1.2 trillion D. 2.2 trillion
46	Catalytic converters convert.	A. CO to CO <sub>2</sub> B. NO to N <sub>2</sub> C. CO <sub>2</sub> to CO D. N <sub>2</sub> to NO <sub>2</sub>
47	Which gas is also known as life gas for plants.	A. CO B. O <sub>2</sub> C. CO <sub>2</sub> D. NO <sub>2</sub>
48	In the bacterial decay, the compounds of which element are emitted.	A. Iodine B. Phosphorus C. Sulphur D. All of the above

