

Chemistry 10th Class English Medium Unit 14 Online Test

Sr	Questions	Answers Choice
1	Atmosphere is divided into;	A. 3 regions B. 4 regions C. 5 regions D. 6 regions
2	Percentage of nitrogen in atmosphere is:	A. 20.94% B. 78.09% C. 0.93% D. 0.03%
3	How much amount of sunlight reaches up to earth and absorbed:	A. 26% B. 32% C. 50% D. 18%
4	In the troposphere (lowest layer), the temperature decreases form 17°C to;	A. -58°C B. -93°C C. -61°C D. -49°C
5	Mesosphere extend forms 50 km to:	A. 50 km B. 12 km C. 60 km D. 85 km
6	The major constituents of troposphere are:	A. carbon dioxide and argon B. nitrogen and oxygen C. argon and oxygen D. carbon dioxide and oxygen
7	Almost all aircrafts fly in:	A. troposphere B. mesosphere C. stratosphere D. themosphere
8	ozone depletion (i.e $O_3 \rightarrow O_2 + O$) occurs in:	A. lower stratosphere B. middle stratosphere C. upper stratosphere D. troposphere
9	A strange bitter smell noticed near photocopiers is of:	A. SO_2 B. H_2S C. O_2 D. O_3
10	Which gas like a glass wall of g green house:	A. CO B. O_2 C. CO_2 D. N_2
11	Normal rain water is:	A. weakly acidic B. strongly acidic C. weakly basic D. strongly basic
12	Ozone id beneficial for us as it:	A. absorbs infrared radiations B. absorbs ultraviolet radiation C. absorbs chlorofluorocarbons D. absorbs air pollutants
13	About 99% atmosphere's lies within:	A. 30 kilometre B. 35 kilometre C. 15kilometre D. 11 kilometre
14	Just above the Earth's surface is	A. Mesosphere B. Stratosphere C. Theremosphere D. Troposphere
15	A group of gases that maintains temperature of atmosphere is.	A. Carbon dioxide and water vapours B. Nitrogen and carbon dioxide C. Thermosphere D. Troposphere

16	The Earth's atmosphere is getting hotter because of.	<p>A. Increasing concentration of CO</p> <p>B. Increasing concentration of CO₂</p> <p>C. Increasing concentration of O₃</p> <p>D. Increasing concentration of SO₂</p>
17	Which one of the following is not a greenhouse Effect?	<p>A. Increasing atmosphere temperature.</p> <p>B. Increasing food chains</p> <p>C. increasing flood risks</p> <p>D. Increasing sea-level</p>
18	Normally rain water is weakly acidic because of.	<p>A. SO₃ gas.</p> <p>B. CO₂ gas.</p> <p>C. SO₂ gas.</p> <p>D. NO₂ gas.</p>
19	Building are being damaged by acid rain because it attacks.	<p>A. Calcium sulphate</p> <p>B. Calcium nitrate</p> <p>C. Calcium carbonate</p> <p>D. Calcium oxalate</p>
20	Acid rain affects the aquatic life by clogging fish gills because of:	<p>A. Lead metal</p> <p>B. Chromium metal</p> <p>C. Mercury metal</p> <p>D. Aluminium metal</p>
21	Ozone is beneficial for us as it	<p>A. Absorb infrared radiation.</p> <p>B. Absorb Ultraviolet radiations.</p> <p>C. Absorb Chlorofluorocarbons</p> <p>D. Absorb Air pollutant</p>
22	Which one of the following is not an air pollutants?	<p>A. Nitrogen</p> <p>B. Carbon dioxide</p> <p>C. Nitrogen oxide</p> <p>D. Ozone</p>
23	Iron and steel structure are damaged by.	<p>A. Carbon monoxide</p> <p>B. Sulphur dioxide</p> <p>C. Methane</p> <p>D. Carbon dioxide</p>
24	Infrared radiations emitted by the Earth are absorbed by.	<p>A. CO₂ and H₂O</p> <p>B. N₂ and O₂</p> <p>C. CO₂ and N₂</p> <p>D. O₂ and CO₂</p>
25	Global warming causes rising of the sea level. The cause of global warming is.	<p>A. CO₂ gas.</p> <p>B. SO₂ gas.</p> <p>C. NO₂ gases.</p> <p>D. O₃ gas.</p>
26	Which gas protects the Earth's surface from ultraviolet radiations?	<p>A. CO₂</p> <p>B. CO</p> <p>C. N₂</p> <p>D. O₃</p>
27	Effects of ozone depletion are following except the one.	<p>A. Increases infectious diseases</p> <p>B. Increases crops production</p> <p>C. Can cause skin cancer</p> <p>D. Can cause climatic changes.</p>
28	Which one of these pollutants are not found in car exhaust fumes?	<p>A. CO₂</p> <p>B. O₃</p> <p>C. NO₂</p> <p>D. SO₂</p>
29	The process by which atmospheric nitrogen is turned into nitrates in the soil is called.	<p>A. Nitration</p> <p>B. Fixing</p> <p>C. Oxidation</p> <p>D. Reduction</p>
30	Global warming is because of.	<p>A. Absorption of infrared radiation emitted by earth surface.</p> <p>B. Absorption of infrared radiation coming from sun.</p> <p>C. Absorption of infrared Ultraviolet coming from the sun.</p> <p>D. Emission of ultraviolet radiation from the earth's surface.</p>
		<p>A. It paralyses the lungs.</p> <p>B. It damages lungs tissue.</p>

31	Carbon monoxide is harmful to us because.	<p>B. It damages lungs tissues.</p> <p>C. It reduces oxygen carrying ability of haemoglobin</p> <p>D. It makes the blood coagulate.</p>
32	Earth has natural systems.	<p>A. One</p> <p>B. Two</p> <p>C. Three</p> <p>D. Four</p>
33	Atmosphere has regions.	<p>A. One</p> <p>B. Two</p> <p>C. Three</p> <p>D. Four</p>
34	The envelope of different gases around the earth is called.	<p>A. Atmosphere</p> <p>B. Brosphere</p> <p>C. Lithosphere</p> <p>D. Hydrosphere</p>
35	The percentage by volume of nitrogen in dry gas is.	<p>A. 78.09%</p> <p>B. 20.94%</p> <p>C. 0.93%</p> <p>D. 0.03%</p>
36	The percentage of sun light absorbed by atmospheric gases is.	<p>A. 2%</p> <p>B. 10%</p> <p>C. 18%</p> <p>D. 25%</p>
37	Atmospheric region found between 50-58 km from the earthis.	<p>A. Thermosphere</p> <p>B. Stratosphere</p> <p>C. Mesosphere</p> <p>D. Thermosphere</p>
38	Mesosphere has a temperature range.	<p>A. 17 ^oC - 58^oC</p> <p>B. 58^oC - 2^oC</p> <p>C. 2^oC - 93^oC</p> <p>D. - 93^oC</p>
39	What gas is the major constituent of troposphere?	<p>A. Nitrogen</p> <p>B. Oxygen</p> <p>C. Hydrogen</p> <p>D. Both a and b</p>
40	Which gas is responsible in warming the atmosphere?	<p>A. Nitrogen</p> <p>B. Hydrogen</p> <p>C. Helium</p> <p>D. Fluorine</p>
41	At which region all weather occurs?	<p>A. Troposphere</p> <p>B. Stratosphere</p> <p>C. Mesosphere</p> <p>D. Thermosphere</p>
42	Almost all air crafts fly in which reion?	<p>A. Troposphere</p> <p>B. Stratosphere</p> <p>C. Mesosphere</p> <p>D. Thermosphere</p>
43	Major portion of ozone layer is foun in.	<p>A. Troposphere</p> <p>B. Stratosphere</p> <p>C. Mesosphere</p> <p>D. Thermosphere</p>
44	The region of ozone decomposition in stratosphere is.	<p>A. 20 km</p> <p>B. 30 km</p> <p>C. 40 km</p> <p>D. 50 km</p>
45	The recombination of O and O ₂ in mid stratosphere is an	<p>A. Exothermic reaction</p> <p>B. Endothermic reaction</p> <p>C. Heat absorbing process</p> <p>D. None of these</p>
46	The percentage of SO ₂ released by the combustion of coal and petroleum product.	<p>A. 40%</p> <p>B. 60%</p> <p>C. 70%</p> <p>D. 80%</p>
47	Which is not a character of SO ₂	<p>A. it is a colourless gas</p> <p>B. It has irritating smell</p> <p>C. It causes suffocation</p> <p>D. It do not form sulphuric acid</p>

A. NO

48	Which gas is produce by the electrical lightening of air.	B. SO_2 C. SO_3 D. CO_2
49	Which of the following can be used as a fuel?	A. Methanol B. Ethanol C. Bio-diesel D. All of them
50	The pH of water containing CO_2 is	A. 4-6 B. 5.6-6 C. 6-7 D. 7-8
51	The pH of acid rain.	A. 2 B. 3 C. 4 D. 5
52	High concentration of which metal clogs the fish gills.	A. Zinc B. Aluminium C. Sodium D. Copper
53	Ozone is an allotropic form of	A. Carbon B. Oxygen C. Sulphur D. Phosphorous
54	Ultraviolet radiations can causes.	A. Hepatitis B. Asthma C. Skin cancer D. Night blindness
55	Which gas is in involved in ozone depletion?	A. Nitrogen B. CFC's C. Chlorine D. All of them
56	The region in which ozone layere depletes is called.	A. Ozone hole B. Black hole C. Both of them D. None of them
57	Ozone depletion was first noticed is.	A. 1970's B. 1980's C. 1990's D. 1960's
58	Which is not an air pollutant?	A. CO_2 B. CO C. SO_2 D. NH_3
59	The gas use by plants to perform photosynthesis.	A. O_2 B. CO_2 C. N_2 D. CO
60	The gas used by animals to perform respiration.	A. O_2 B. N_2 C. SO_2 D. Cl_2
61	Which is not a poisonous gas?	A. Ozone B. Chlorine C. Carbon di oxide D. All of them
62	Which gas acts as a glass wall of a green house?	A. Oxygen B. Carbon dioxides C. sulphur dioxide D. Hydrogen
63	By the increase in the concentration of CO_2 in air.	A. Decrease in heat energy B. Increase in heat energy. C. Heat energy remains same D. None of them
64	The green house effect is proportional to the amount of which gas in air.	A. CO_2 B. O_2 C. N_2 D. All of them
65	Which is the major effect of global warming?	A. Increase in temperature. B. Rise in sea level C. Melting of glaciers D. All of them

66	Higher concentration of CO causes.	A. Fatigue B. Headache C. Both of them D. None of them
67	Catalytic converters convert.	A. CO to CO ₂ B. N ₂ to NO C. CO ₂ to CO D. N ₂ to NO ₂
68	Which gas is also known as life gas for plants.	A. CO B. CO ₂ C. O ₂ D. NO ₂
69	In the bacterial decay, the compound of which element are emitted.	A. Sulphur B. Carbon C. Nitrogen D. All of them
70	Ozone layer is not found is	A. Upper stratosphere B. Mid stratosphere C. Lower stratosphere D. All of them
71	A pollutant is a waste material that pollutes.	A. Air B. Water C. Soil D. All of them
72	Which factor determines the severity of a pollutant?	A. Chemical nature B. concentration C. Persistence D. All of them
73	Which pollutant is responsible for changing weather?	A. Air pollutant B. Water pollutant C. Soil pollutant D. All of them
74	Ozone has a smell	A. Bitter B. Rotten egg C. Sweat D. None of them
75	Which of the following is a poisonous gas.	A. Oxygen B. Ozone C. Nitrogen D. Carbon dioxide
76	The waste products driven out because of the combustion of fossil fuels.	A. Primary pollutant B. Secondary pollutant C. Tertiary pollutant. D. None of them
77	The smell of photocopies machine is due to the presence of.	A. Chlorine gas B. Neon gas C. Helium gas D. Ozone gas.
78	PAN stands for	A. Poly aniline nitrate B. Proxy acetyl nitrate C. Poly acetyl nitrite D. Proxy acetyl nitrite
79	Which of the following is a secondary pollutant.	A. CO ₂ B. CO C. SO ₃ D. HF
80	99% of atmosphere consists of .	A. N ₂ and H ₂ B. N ₂ and O ₂ C. N ₂ and CO ₂ D. O ₂ and CO ₂
81	Which gas is emitted due to volcanic eruption?	A. CO ₂ B. SO ₃ C. NO ₂ D. H ₂
82	Fossil fuel means.	A. Coal B. Petroleum C. Natural gas D. All of them

83	Forest fires and burning of wood emit.	A. CO_2 B. NO_2 C. SO_2 D. Cl_2
84	The range of temperature in burning solid waste burning in incinerators is.	A. $650^\circ\text{C} - 1000^\circ\text{C}$ B. $650^\circ\text{C} - 11000^\circ\text{C}$ C. $1000^\circ\text{C} - 2000^\circ\text{C}$ D. $650^\circ\text{C} - 1000^\circ\text{C}$ E. $5000^\circ\text{C} - 1000^\circ\text{C}$
85	Incinerator reduces solid waste into .	A. Ash B. Flue gas C. Heat D. All of them
86	Which is not a part of flue gas?	A. Furans B. Dioxins C. HCl D. H_2SO_4
87	Thermosphere lies beyond.	A. Stratosphere B. Troposphere C. Mesosphere D. Biosphere
88	The solid particle deposit on the filter paper during filtratin is called.	A. Precipitates B. Residue C. Crystals D. All of them
89	About 99% of atmospheric mass lies in.	A. 35 km B. 30 km C. 15 km D. 16 km
90	What percentage of nitrogen and oxygen is in the atmosphere.	A. 69% B. 79% C. 9% D. 89%
91	Which gas is not present in atmosphere?	A. Nitrogen B. Oxygen C. Helium D. Carbon dioxide
92	The sphere just above the Earth's surface is.	A. Mescosphere B. Stratosphere C. Thermosphere D. Troposphere
93	A strange bitter smell noticed near photo copier machine is of.	A. H_2S B. SO_2 C. O_2 D. O_3
94	Our planet earth consists of _____ natural Spheres.	A. 1 B. 4 C. 6 D. 8
95	The layer above troposphere extend upto 50 kilometers called.	A. Mesosphere B. Hydrosphere C. Stratosphere D. Thermosphere
96	75% atmosphere mass lies in how many kilometers.	A. 11 km B. 30 km C. 50 km D. 85 km
97	Depending upon temperature variation, atmosphere ins divided into how many regions?	A. 1 B. 2 C. 3 D. 4
98	On which base atmosphere is divided into four regions?	A. Change in pressure B. Change in radiation C. Change in temperature D. Change in volume
99	Infrared radiation emitted by the earth are absorbed by?	A. CO_2 , H_2O B. N_2 , O_2 C. CO_2 , N_2

		D. O ₂ , CO ₂
100	The stratosphere layer is at height above the earth's surface.	A. 0-12 km B. 12-50 km C. 50-85 km D. 65-120 km
101	Ozone is formed in:	A. Troposphere B. Stratosphere C. Mesosphere D. Thermosphere
102	At the height 880120 km from earth's surface is.	A. Troposphere B. Mesosphere C. Stratosphere D. Thermosphere
103	Ozone is beneficial for us as it absorbs.....	A. Infrared Radiations B. Ultraviolet radiations C. Chlorofluorocarbons D. Air pollutants
104	Which one of the following is not air pollutants?	A. N ₂ B. CO C. NO ₂ D. O ₂
105	How many percentage of sunlight is absorbed by atmosphere gases.	A. 12% B. 18% C. 24% D. 30%
106	The earth atmosphere is getting hotter because of :	A. SO ₂ B. O ₃ C. CO ₂ D. CO
107	Which one of the following gas has greater retaining capacity?	A. O ₂ B. N ₂ C. CO D. CO ₂
108	Which pollutant is not found in car exhaust gases?	A. CO B. O ₃ C. NO ₂ D. SO ₃
109	_____ is not green house effect.	A. Increase of food chain B. increase atmospheric pressure C. Increase of sea level D. Increase of flood risks
110	How many atmospheric temperature increase every year due to accumulation of CO ₂ in air.	A. 0.03 °C B. 0.05 °C C. 1 °C D. 2 °C
111	Cause of global warming is :	A. CO ₂ gas B. SO ₂ gas C. NO ₂ gas D. O ₂ gas
112	Cause of global warming is:	A. CO ₂ gas B. SO ₂ gas C. NO ₂ gas D. O ₂ gas
113	Carbon monoxide is harmful to use because it:	A. Paralyzes lungs B. Damages lungs C. Reduce oxygen carrying ability of hemoglobin D. Make the blood coagulate
114	Building and Monuments lose their beauty and shine due to	A. U.V radiations B. Chlorofluoro carbons C. Acid rain D. IR radiations.
115	Which metal present in acid rain affect the aquatic life by clogging fish gills?	A. Lead B. Chromium C. Aluminium D. Mercury
116	pH of acid rain is:	A. 7-5 B. 6-7 C. 1-2 D. 4-5

117	Normally rain water is weakly acidic because.	A. SO_3 B. CO_2 C. CO_3 D. NO_2
118	Acid rain damages the building it is due to reaction on.	A. Calcium sulphate B. Calcium nitrate C. Calcium carbonate D. Calcium oxalat
119	Which one of the following is not air pollutant.	A. CO_2 B. CO C. NO_2 D. O_2
120	The formula of ozone is.	A. O_2 B. O_3 C. O D. CO
121	Which gas saves the surface of earth from ultra violet radiation?	A. CO_2 B. CO C. N_2 D. O_3