

ECAT Chemistry Chapter 27 Environmental Chemistry

Sr	Questions	Answers Choice
1	Which is not the affect of polluted air on environment	A. Acid rain B. Smog C. Ozone D. Global warming
2	Contamination of Hg comes into surface water from chlor industrial wastes. Why is Hg toxic	A. It attaches to sulphur of the disulphide link B. Hg is a heavy metal C. Hg is liquid at room temperature D. Hg is non reactive chemically
3	Pick up the correct statement	A. CO which is major pollutant resulting from the combustion of fuels in automobile plays a major role in photochemical smog B. Classical smog has an oxidizing character while the photochemical smog is reducing in character C. Photochemical smog occurs in day time whereas the classical smog occurs in early morning hours D. During formation of smog the level of ozone in the atmosphere goes down
4	Acid rain is due to increase in atmospheric concentration of	A. Ozone and dust B. CO_2 and CO C. SO_3 and CO D. SO_2 and NO_2
5	Industrial effluents have toxic synthetic organic compounds as well as heavy metals like	A. Pb B. Cr C. Hg D. All of these
6	Photochemical smog is caused by	A. CO B. CO_2 C. O_3 D. NO_2
7	Polycyclic aromatic hydrocarbons are taught to be	A. Disinfectant B. Carcinogenic C. Helpful D. Reactive
8	Ground and surface waters are contaminated and become polluted due to the human activity. Which human activity will not cause water pollution	A. Live stock waste B. Agricultural pesticides C. Oil breaks and spills D. All of the above
9	Ozone depletion in stratosphere shall result in	A. Forest fires B. Increased incidence of skin cancer C. Global warming D. None of the above
10	Value of chemical oxygen demand (COD) is a measure of chemically oxidizable matter in water. Which value of COD will indicate more polluted water	A. Low value B. Higher value C. Both values D. None of these
11	Environmental pollution affects	A. Biotic components B. Plants only C. Man only D. Biotic and abiotic components of environment
12	Phosphate pollution is caused by	A. Weathering of phosphate rocks only B. Agricultural fertilizers C. Phosphate rocks and sewage D. Sewage and agricultural fertilizers
13	Eutrophication causes reduction in	A. Dissolved hydrogen B. Dissolved oxygen C. Dissolved carbon dioxide D. Dissolved sulphur dioxide

		C. Dissolved salts D. All the above
14	Atmospheric pollutant is	A. CO_2 B. CO C. O_2 D. N_2
15	Ozone in most of the tropical regions acts as a pollutant and causes	A. Damages to eyes B. Aggravates asthma C. Chest discomfort D. All of these
16	Which of the following forms a toxic substance in blood by combining with hemoglobin?	A. Carbon dioxide B. Carbon monoxide C. Oxygen D. Methane
17	Chlorofluorocarbon, CF_2Cl_2 , plays an effective role in removing O_3 (ozone) in the stratosphere. Which reaction does not cause the depletion of ozone	
18	In Antarctica ozone depletion is due to the formation of following compound	A. Acrolein B. Peroxy acetyl nitrate C. SO_2 and SO_3 D. Chlorine nitrate
19	The 95.5% mass of Lithosphere is made of 11 elements i.e. O ₂ , Si, Al, Fe, Ca, Na, K, Mg, Ti, H ₂ and P. which element is present in trace amount	A. Iodine B. Bromine C. Lead D. Carbon
20	Which one of the following dissolves more rapidly in blood hemoglobin than oxygen?	A. Ozone B. Nitrous oxide C. Sulphur dioxide D. Carbon monoxide