

ECAT Chemistry Chapter 27 Environmental Chemistry

Sr	Questions	Answers Choice
1	Which gas is not a constituent of atmosphere	A. Xe B. O ₃ C. H ₂ D. F ₂
2	Ecology is a science of environment and deals specially with	A. Stratosphere B. Biosphere C. Lithosphere D. Hydrosphere
3	Chlorofluorocarbon releases a chemical harmful to ozone	A. Fluorine B. Chlorine C. Nitrogen peroxide D. Sulphure dioxide
4	Hydrocarbons, SO ₂ , CO, NH ₃ , nitrogen oxides and compounds of fluorine are called	A. Primary pollutant B. Secondary pollutant C. Tertiary pollutant D. None of these
5	The normal amount of overhead ozone is about	A. 250 DU B. 300 DU C. 350 DU D. 400 DU
6	Phosphate pollution is caused by	A. Weathering of phosphate rocks only B. Agricultural fertilizers C. Phosphate rocks and sewage D. Sewage and agricultural fertilizers
7	Chromium (VI) is highly toxic and can cause	A. Blindness B. Cancer C. Liver problems D. Blood problems
8	Which factor is helping to reduce the environmental pollution	A. Rapid growth of population B. Urbanization C. Industrialization D. Increase of plantation
9	Soil salinity can be measured by	A. Calorimeter B. Potometer C. Porometer D. Conductivity meter
10	When chlorofluoro carbon are subjected to U.V. they form	A. Cations B. Anions C. Free radicals D. None of these
11	Drained sewage has B.O.D	A. More than that of water B. Less than that of water C. Equal to that of water D. None of the above
12	Chief source of water and soil pollution is	A. Mining B. Thermal power plant C. Agro-industry D. All the above
13	The pH of the rain water in areas where acid rain is the cause of pollution may be	A. 6.5 B. 5.6 C. 4.5 D. 2.2
14	Sulphur dioxide affects	A. Cell wall B. Plasmodesmata C. All membrane systems D. Nucleus
15	Which is not the affect of polluted air on environment	A. Acid rain B. Smog C. Ozone D. None of these

D. Global warming

16	Swage water is purified by	A. Microorganisms B. Light C. Fishes D. Aquatic plants
17	Ozone layer of stratosphere requires protection from indiscriminate use of	A. Fungicides, insecticides, bactericides and medicines B. Aerosols and high flying jets C. Atomic explosions and industrial wastes D. Baloons and turbo-prop aeroplanes
18	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 phtochemical 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
19	Which of the following is responsible for depletion of the ozone layer in the upper strata of the atmosphere?	A. Fullerenes B. Freons C. Polyhalogens D. Ferrocene
20	BOD is	A. Biological oxygen deficit B. Biosphere oxygen demand C. Biological oxygen demand D. None of the above