

## ECAT Chemistry Chapter 27 Environmental Chemistry

Sr	Questions	Answers Choice
1	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
2	Which is not a component of environment	A. Biosphere B. Lithosphere C. Hydrosphere D. None of these
3	Soil remediation means	A. To make it suitable for cultivation of crops B. To make it acidic C. To make it alkaline D. To add manure into it
4	Atmosphere of big/metropolitan cities is polluted most by	A. Automobile exhausts B. Pesticide residue C. Household waste D. Radio-active fall out
5	The toxic organic compounds and heavy metals and metalloids results in contamination of	A. Surface water B. Ground water C. Both surface and ground water D. Neither surface nor ground waters
6	Which one of the following dissolves more rapidly in blood hemoglobin than oxygen?	A. Ozone B. Nitrous oxide C. Sulphure dioxide D. Carbon monoxide
7	Which one is the major reason for pollution in high cities?	A. Fossil fuel B. Acid rain C. Heat dispersion D. None of the above
8	In water the most important oxidizing agent is dissolved molecular oxygen which ranges from	A. 2 - 4 ppm B. 4 - 6 ppm C. 2 - 5 ppm D. 4 - 8 ppm
9	A single chlorine free radical can destroy how many ozone molecules	A. 100 B. 100000 C. 10000 D. 10
10	Result of ozone hole is	A. Green house effect B. Global warming C. Acid rain D. UV rays reach the earth
11	SO <sub>2</sub> and NO <sub>2</sub> produce pollution by increasing	A. Alkalinity B. Acidity C. Neutrality D. Buffer action
12	Chlorofluorocarbon releases a chemical harmful to ozone	A. Fluorine B. Chlorine C. Nitrogen peroxide D. Sulphure dioxide
13	The amount of Si in the lithosphere is about	A. 27.72% B. 30.35% C. 35.30% D. 40.21%
14	The amount of oxygen in the lithosphere is about	A. 35.50% B. 40.60% C. 56.60% D. 50.50%
15	Hydrocarbons, SO <sub>2</sub> , CO, NH <sub>3</sub> , nitrogen oxides and compounds of fluorine are called	A. Primary pollutant B. Secondary pollutant C. Tertiary pollutant

		D. None of these
16	Depletion of ozone layer is due to	A. Oxides of nitrogen B. Oxides of carbon C. Oxides of sulphur D. None of the above
17	To purify water which has mud dissolved in it, A substance which coagulates the suspended particles is used. The coagulant may be	A. $\text{Ag}^+$ B. $\text{Cu}^{2+}$ C. $\text{Al}^{3+}$ D. $\text{Si}^{4+}$
18	Shahi Qilla may be destroyed by	A. Flood in Ravi B. Temperature mediated spoilage of marble C. Air pollutants from Lahore chemical industries D. All the above
19	Polycyclic aromatic hydrocarbons are taught to be	A. Disinfectant B. Carcinogenic C. Helpful D. Reactive
20	The normal amount of overhead ozone is about	A. 250 DU B. 300 DU C. 350 DU D. 400 DU