

## ECAT Chemistry Chapter 27 Environmental Chemistry

Sr	Questions	Answers Choice
1	NO and NO <sub>2</sub> gases in atmosphere are represented by	A. NO B. NO <sub>4</sub> C. NO <sub>x</sub> D. N <sub>x</sub> O <sub>y</sub>
2	As it passes into food chain, the concentration of DDT	A. Remains same B. Decreases C. Increases D. Unpredictable
3	Ultraviolet radiation from sun causes a reaction that produces	A. Fluorides B. Carbon monoxide C. Sulphur dioxide D. Ozone
4	Which is not the affect of polluted air on environment	A. Acid rain B. Smog C. Ozone D. Global warming
5	Carbon monoxide is harmful to human beings as it	A. Is carcinogenic B. Is antagonistic to CO <sub>2</sub> C. Has higher affinity for hemoglobin as compared to oxygen D. Is destructive to O <sub>3</sub>
6	Chlorofluorocarbon releases a chemical harmful to ozone	A. Fluorine B. Chlorine C. Nitrogen peroxide D. Sulphure dioxide
7	Acid rain is caused when various atmospheric gases dissolve in rain water. What are the gases that cause rain water	A. SO <sub>2</sub> B. NO <sub>2</sub> C. CO D. A and b only
8	Increased asthmatic attacks in certain seasons are related to	A. Inhalation of seasonal pollen B. Eating of seasonal vegetables C. Low temperature D. Wet and dry environment
9	Biodegradable pollutant is	A. Plastic B. Asbestos C. Sewage D. Mercury
10	Which factor is helping to reduce the environmental pollution	A. Rapid growth of population B. Urbanization C. Industrialization D. Increase of plantation
11	The pH range of the acid rain is	A. 8 - 7 B. 7 - 6.5 C. 6.5 - 6 D. Less than 5
12	Photochemical smog is caused by	A. CO B. CO <sub>2</sub> C. O <sub>3</sub> D. NO <sub>2</sub>
13	Pollution is	A. Removal of top soil B. Release of toxic/undesirable materials in environment C. Conversation of energy D. All the above
14	Minamata disease is due to pollution of	A. Organic waste into drinking water B. Oil spill in water C. Industrial waste containing mercury into fishing water D. Arsenic into the atmosphere
		A. Fungicides, insecticides, bactericides and medicines

15	Ozone layer of stratosphere requires protection from indiscriminate use of	B. Aerosols and high flying jets C. Atomic explosions and industrial wastes D. Balloons and turbo-prop aeroplanes
16	In the atmosphere, O <sub>2</sub> is about	A. 10% B. 15% C. 21% D. 25%
17	A single chlorine free radical can destroy how many ozone molecules	A. 100 B. 100000 C. 10000 D. 10
18	Which of the following human activities are contaminating surface and ground waters	A. Pesticides B. Septic tanks C. Petroleum and natural gas production D. All of these
19	In the atmosphere, CO <sub>2</sub> is about	A. 0.01% B. 0.03% C. 0.05% D. 0.09%
20	Carbon monoxide is pollutant as it	A. Inactivates nerves B. Inhibits glycolysis C. Combines with oxygen D. Combines with hemoglobin