

## ECAT Chemistry Chapter 27 Environmental Chemistry

| Sr | Questions  | Answers Choice   |
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| 1  | Which gas is not a constituent of atmosphere   | A. Xe<br>B. O <sub>3</sub><br>C. H <sub>2</sub><br>D. F <sub>2</sub>   |
| 2  | Which is not the affect of polluted air on environment   | A. Acid rain<br>B. Smog<br>C. Ozone<br>D. Global warming   |
| 3  | Which is not the condition for the formation of smog   | A. There must be sufficient NO gas<br>B. There must be sunlight to help photo chemical reaction to take place<br>C. Air must be blowing swiftly<br>D. There must be SO <sub>2</sub> in the air |
| 4  | Ecology is a science of environment and deals specially with   | A. Stratosphere<br>B. Biosphere<br>C. Lithosphere<br>D. Hydrosphere  |
| 5  | Which factor is helping to reduce the environmental pollution  | A. Rapid growth of population<br>B. Urbanization<br>C. Industrialization<br>D. Increase of plantation  |
| 6  | Chlorofluorocarbon releases a chemical harmful to ozone  | A. Fluorine<br>B. Chlorine<br>C. Nitrogen peroxide<br>D. Sulphure dioxide  |
| 7  | Any substance in the environment which adversely affects the human health and natural functioning of the Ecosystem is known as   | A. Environment<br>B. Hydrosphere<br>C. Pollutant<br>D. Biosphere   |
| 8  | 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<br>B. Higher value<br>C. Both values<br>D. None of these  |
| 9  | Exposure to CO results in  | A. Headache<br>B. Fatigue<br>C. Unconsciousness<br>D. All of these   |
| 10 | Chlorofluorocarbon, CF <sub>2</sub> Cl <sub>2</sub> , plays an effective role in removing O <sub>3</sub> (ozone) in the stratosphere. Which reaction does not cause the depletion of ozone |  |
| 11 | As it passes into food chain, the concentration of DDT   | A. Remains same<br>B. Decreases<br>C. Increases<br>D. Unpredictable  |
| 12 | Most hazardous metal pollutant of automobile exhaust is  | A. Mercury<br>B. Lead<br>C. Cadmium<br>D. Copper   |
| 13 | Cyclone collector is used for minimizing   | A. Radioactive pollution<br>B. Air pollution<br>C. Noise pollution<br>D. Water pollution   |
| 14 | In purification of potable water the coagulant used is   | A. Nickle sulphate<br>B. Copper sulphate<br>C. Barium sulphate<br>D. Alum  |
| 15 | Water pollution is mainly due to   | A. Sulphure dioxide<br>B. Carbon dioxide<br>C. Oxygen<br>D. Industrial discharges  |

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| 16 | Pollutant of automobile exhausts that affects nervous system/produces mental diseases is | A. Mercury<br>B. Lead<br>C. Nitrogen oxide<br>D. Sulphuric oxide      |
| 17 | Swage water is purified by   | A. Microorganisms<br>B. Light<br>C. Fishes<br>D. Aquatic plants       |
| 18 | Ultraviolet radiation from sun causes a reaction that produces                           | A. Fluorides<br>B. Carbon monoxide<br>C. Sulphur dioxide<br>D. Ozone  |
| 19 | Atmospheric pollutant is   | A. CO <sub>2</sub><br>B. CO<br>C. O <sub>2</sub><br>D. N <sub>2</sub> |
| 20 | The largest item which is recycled is  | A. Newspaper<br>B. Plastic<br>C. Aluminium<br>D. Oil                  |