

ECAT Chemistry Chapter 27 Environmental Chemistry

| Sr | Questions | Answers Choice |
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| 1 | Polycyclic aromatic hydrocarbons are taught to be | A. Disinfectant B. Carcinogenic C. Helpful D. Reactive |
| 2 | Water pollution is mainly due to | A. Sulphure dioxide B. Carbon dioxide C. Oxygen D. Industrial discharges |
| 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 | Which one of the following dissolves more rapidly in blood hemoglobin than oxygen? | A. Ozone B. Nitrous oxide C. Sulphure dioxide D. Carbon monoxide |
| 5 | 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 |
| 6 | Acid rain is caused when various atmospheric gases dissolve in rain water. What are the gases that cause rain water | A. SO ₂ B. NO ₂ C. CO D. A and b only |
| 7 | Depletion of ozone layer is due to | A. Oxides of nitrogen B. Oxides of carbon C. Oxides of sulphur D. None of the above |
| 8 | Most hazardous metal pollutant of automobile exhaust is | A. Mercury B. Lead C. Cadmium D. Copper |
| 9 | Swage water is purified by | A. Microorganisms B. Light C. Fishes D. Aquatic plants |
| 10 | Which is not the condition for the formation of smog | A. There must be sufficient NO gas B. There must be sunlight to help photochemical reaction to take place C. Air must be blowing swiftly D. There must be SO ₂ in the air |
| 11 | Which one is not a pollutant normally? | A. Hydrocarbons B. Carbon dioxide C. Carbon monoxide D. Sulphur dioxide |
| 12 | Which one is the most toxic? | A. Carbon B. CO C. CO ₂ D. SO ₂ |
| 13 | DDT is | A. Biodegradable pollutant B. Nondegradable pollutant C. Not a pollutant D. An antibiotic |

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| 14 | Pollution is | A. Removal of top soil B. Release of toxic/undesirable materials in environment C. Conservation of energy D. All the above |
| 15 | Pollutant of automobile exhausts that affects nervous system/produces mental diseases is | A. Mercury B. Lead C. Nitrogen oxide D. Sulphuric oxide |
| 16 | Which is not a component of environment | A. Biosphere B. Lithosphere C. Hydrosphere D. None of these |
| 17 | Mottling of teeth is due to presence of an element in drinking water | A. Mercury B. Fluorine C. Boron D. Chlorine |
| 18 | One of the environmental problem is the formation of oil slicks when oil is spilled from tankers in sea water. Which treatment is suitable to remove oil slicks | A. Blow air B. Add Na_2CO_3 C. Use a specially made sorbent having flouring trapped in it D. Use a sorbent having Al_2O_3 trapped in it |
| 19 | 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 |
| 20 | In the atmosphere, O_2 is about | A. 10% B. 15% C. 21% D. 25% |