

ECAT Chemistry Chapter 27 Environmental Chemistry Online Test

| Sr | Questions | Answers Choice |
|----|---|---|
| 1 | B.O.D is connected with | A. Organic matter B. Microbes C. Microbes and organic matter D. None of the above |
| 2 | 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 |
| 3 | Drawback DDT as pesticide is | A. It becomes ineffective after some time B. It is less effective than others C. It is not easily/rapidly degraded in nature D. Its high cost |
| 4 | Carbon monoxide is harmful to human beings as it | A. Is carcinogenic B. Is antagonistic to CO_2 C. Has higher affinity for hemoglobin as compared to oxygen D. Is destructive to O_3 |
| 5 | Air pollution is not caused by | A. Pollen grains B. Hydroelectric power C. Industries D. Automobiles |
| 6 | Which causes water pollution? | A. Smoke/fly ash B. Automobile exhausts C. Aeroplanes D. 2,4-D and pesticides |
| 7 | Chief source of water and soil pollution is | A. Mining B. Thermal power plant C. Agro-industry D. All the above |
| 8 | Pollution is | A. Removal of top soil B. Release of toxic/undesirable materials in environment C. Conversation of energy D. All the above |
| 9 | Acid rain is due to increase in atmospheric concentration of | A. Ozone and dust B. CO_2 and CO C. SO_3 and CO D. SO_2 and NO_2 |
| 10 | Classical smog occurs in places of | A. Excess SO_2 B. Low temperature C. High temperature D. Excess NH_3 |
| 11 | 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 |
| 12 | Ultraviolet radiation from sun causes a reaction that produces | A. Fluorides B. Carbon monoxide C. Sulphur dioxide D. Ozone |
| 13 | Which of the following forms a toxic substance in blood by combining with hemoglobin? | A. Carbon dioxide B. Carbon monoxide C. Oxygen D. Methane |
| 14 | Which one of the following dissolves more rapidly in blood hemoglobin than oxygen? | A. Ozone B. Nitrous oxide C. Sulphure dioxide |

D. Carbon monoxide

| | | |
|----|--|---|
| 15 | Ozone depletion in stratosphere shall result in | A. Forest fires B. Increased incidence of skin cancer C. Global warming D. None of the above |
| 16 | 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 |
| 17 | Domestic waste mostly constitutes | A. Non-biodegradable pollution B. Biodegradable pollution C. Effluents D. Air pollution |
| 18 | Burning of fossil fuels is the main source of pollution | A. Nitrogen oxide B. Nitric oxide C. Nitrous oxide D. Sulphur dioxide |
| 19 | Atmospheric pollutant is | A. CO_2 B. CO C. O_2 D. N_2 |
| 20 | Spraying of DDT produces pollution of | A. Air B. Air and water C. Air and soil D. Air, water and soil |
| 21 | Acid rains are produced by | A. Excess NO_2 and SO_2 from burning fossil fuels B. Excess production of NH_3 by industry and coal gas C. Excess release of carbon monoxide by incomplete combustion D. Excess formation of CO_2 by combustion and animal respiration |
| 22 | Carbon monoxide is pollutant as it | A. Inactivates nerves B. Inhibits glycolysis C. Combines with oxygen D. Combines with hemoglobin |
| 23 | SO_2 and NO_2 produce pollution by increasing | A. Alkalinity B. Acidity C. Neutrality D. Buffer action |
| 24 | Pollutant of automobile exhausts that affects nervous system/produces mental diseases is | A. Mercury B. Lead C. Nitrogen oxide D. Sulphuric oxide |
| 25 | Sulphur dioxide affects | A. Cell wall B. Plasmodesmata C. All membrane systems D. Nucleus |
| 26 | Cyclone collector is used for minimizing | A. Radioactive pollution B. Air pollution C. Noise pollution D. Water pollution |
| 27 | 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 |
| 28 | Which one is not a pollutant normally? | A. Hydrocarbons B. Carbon dioxide C. Carbon monoxide D. Sulphur dioxide |
| 29 | Chief air pollutant which is likely to deplete ozone layer | A. Sulphur dioxide B. Carbon dioxide C. Nitrogen oxides and chloro fluorocarbons |
| 30 | Atmosphere of big/metropolitan cities is polluted most by | A. Automobile exhausts B. Pesticide residue C. Household waste D. Radio-active fall out |

