ECAT Chemistry Online Test

Sr	Questions	Answers Choice
1	Classical smog occurs in palces of	A. Excess SO_2 B. Low temperature C. High temperature D. Excess NH_3
2	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
3	Ultraviolet radiation from sun causes a reaction that produces	A. Fluorides B. Carbon monoxide C. Sulphur dioxide D. Ozone
4	Which of the following forms a toxic substance in blood by combing with hemoglobin?	A. Carbon dioxide B. Carbon monoxide C. Oxygen D. Methane
5	Which one of the following dissolves more rapidly in blood hemoglobin than oxygen?	A. Ozone B. Nitrous oxide C. Sulphure dioxide D. Carbon monoxide
6	Ozone depletion in stratosphere shall result in	A. Forest fires B. Increased incidence of skin cancer C. Global warming D. None of the above
7	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
8	Domestic waste mostly constitutes	A. Non-biodegradable pollution B. Biodegradable pollution C. Effluents D. Air pollution
9	Burning of fossil fuels is the main source of pollution	A. Nitrogen oxide B. Nitric oxide C. Nitrous oxide D. Sulphur dioxide
10	Atomospheric pollutant is	A. CO_2 B. CO C. O_2 D. N_2
11	Spraying of DDT produces pollution of	A. Air B. Air and water C. Air and soil D. Air, water and soil
12	Acid rains are produced by	A. Excess NO_2 and SO_2 from burining 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
13	Carbon monoxide is pollutant as it	A. Inactivates nerves B. Inhibits glycolysis C. Combines with oxygen D. Combines with hemoglobin
		A. Alkalinity

14	SO_2 and NO_2 produce pollution by increasing	B. Acidity C. Neutrality D. Buffer action
15	Pollutant of automobile exhausts that affects nervous system/produces mental diseases is	A. Mercury B. Lead C. Nitrogen oxide D. Sulphuric oxide
16	Sulphur dioxide affects	A. Cell wall B. Plasmodesmata C. All membrane systems D. Nucleus
17	Cyclone collector is used for minimizing	A. Radioactive pollution B. Air pollution C. Noise pollution D. Water pollution
18	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
19	Which one is not a pollutant normally?	A. Hydrocarbons B. Carbon dioxide C. Carbon monoxide D. Sulphur dioxide
20	Chief air pollutant which is likely to deplete ozone layer	A. Sulphure dioxide B. Carbon dioxide C. Nitrogen oxides and chloro fluorocarbons
21	Atmosphere of big/metropolitan cities is polluted most by	A. Automobile exhausts B. Pesticide residue C. Household waste D. Radio-active fall out
22	Which of the following is fully fluorinated polymer?	A. Neoprene B. Teflon C. Thiokol D. PVC
23	Which of the following is a biodegradable polymer?	A. Cellulose B. Polyethene C. Polyvinyl chloride D. Nylon-6
24	Which of the following has ester linkage?	A. Nylon B. Bakelite C. Terylene D. PVC
25	Which is a protein?	A. Nylon B. Rayon C. Natural silk D. Terylene
26	Bakelite is a product formed form	A. Reaction of formaldehyde with phenol B. Reaction of polyethylene with phenol C. Reaction of polypropylene with acid D. It is a natural product
27	Polymer formation from monomers starts by	A. Condensation reaction between monomers B. Coordination reaction between monomers C. Conversion of monomer to monomer ions by protons D. Hydrolysis of monomers
28	A condensation polymer among the following is	A. Dacron B. PVC C. Polysterene D. Teflon
29	Which of the following is a constituent of nylon?	A. Adipic acid B. Styrene C. Teflon D. None of these
30	Soft drinks and baby feeding bottles are generally made up of	A. Polyester B. Polyurethane C. Polyurea

C. Polyurea
D. Polystyrene