

ECAT Chemistry Chapter 27 Environmental Chemistry Online Test

Sr	Questions	Answers Choice
1	Soil remediation means	A. To make it suitable for cultivation of crops B. To make it acidic C. To make it alkaline D. To add manure into it
2	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
3	Ecology is a science of environment and deals specially with	A. Stratosphere B. Biosphere C. Lithosphere D. Hydrosphere
4	Contamination of Hg comes into surface water from chlor industrial wastes. Why is Hg toxic	A. It attaches to sulphur of the disulphide link B. Hg is a heavy metal C. Hg is liquid at room temperature D. Hg is non reactive chemically
5	To purify water which has mud dissolved in it, A substance which coagulates the suspended particles is used. The coagulant may be	A. Ag^+ B. Cu^{2+} C. Al^{3+} D. Si^{4+}
6	Water which his considered to be safe for human consumption is known as	A. Distilled water B. Contaminated water C. Potable water D. Rain water
7	What is the cause of water pollution	A. Chemical and bacterial contents in live stock B. The spilled oil in rivers and ponds C. Wide spread use of pesticides D. All of the above
8	Ground and surface waters are contaminated and become polluted due to the human activity. Which human activity will bot cause water pollution	A. Live stock waste B. Agricultural pesticides C. Oil breaks and spills D. All of the above
9	Chlorofluorocarbon, CF_2Cl_2 , plays an effective role in removing O_3 (ozone) in the stratosphere. Which reaction does not cause the depletion of ozone	
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 photo chemical reaction to take place C. Air must be blowing swiftly D. There must be SO_2 in the air
11	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
12	The pH of the rain water in areas where acid rain is the cause of pollution may be	A. 6.5 B. 5.6 C. 4.5 D. 2.2
13	NO and NO_2 gases in atmosphere are represented by	A. NO B. NO_4 C. NO_x D. N_xO_y
14	Any substance in the environment which adversely affects the human health and natural functioning of the Ecosystem is known as	A. Environment B. Hydrosphere C. Pollutant

		D. Biosphere
15	The largest item which is recycled is	A. Newspaper B. Plastic C. Aluminium D. Oil
16	In water the most important oxidizing agent is dissolved molecular oxygen which ranges from	A. 2 - 4 ppm B. 4 - 6 ppm C. 2 - 5 ppm D. 4 - 8 ppm
17	The toxic organic compounds and heavy metals and metalloids results in contamination of	A. Surface water B. Ground water C. Both surface and ground water D. Neither surface nor ground waters
18	Polycyclic aromatic hydrocarbons are taught to be	A. Disinfectant B. Carcinogenic C. Helpful D. Reactive
19	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
20	When chlorofluoro carbon are subjected to U.V. they form	A. Cations B. Anions C. Free radicals D. None of these
21	Ozone in most of the tropical regions acts as a pollutant and causes	A. Damages to eyes B. Aggravates asthma C. Chest discomfort D. All of these
22	The normal amount of overhead ozone is about	A. 250 DU B. 300 DU C. 350 DU D. 400 DU
23	The amount of Si in the lithosphere is about	A. 27.72% B. 30.35% C. 35.30% D. 40.21%
24	The amount of oxygen in the lithosphere is about	A. 35.50% B. 40.60% C. 56.60% D. 50.50%
25	In the atmosphere, CO ₂ is about	A. 0.01% B. 0.03% C. 0.05% D. 0.09%
26	In the atmosphere, O ₂ is about	A. 10% B. 15% C. 21% D. 25%
27	The film forming components of paints are	A. Resins B. Thinners C. Pigments D. Driers
28	Hydrocarbons, SO ₂ , CO, NH ₃ , nitrogen oxides and compounds of fluorine are called	A. Primary pollutant B. Secondary pollutant C. Tertiary pollutant D. None of these
29	Chromium (VI) is highly toxic and can cause	A. Blindness B. Cancer C. Liver problems D. Blood problems
30	Which gasses are produced from landfills	A. NH ₃ B. H ₂ S C. N ₂ D. All of these