

ECAT Chemistry Online Test

Sr	Questions	Answers Choice
1	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
2	The largest item which is recycled is	A. Newspaper B. Plastic C. Aluminium D. Oil
3	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
4	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
5	Polycyclic aromatic hydrocarbons are taught to be	A. Disinfectant B. Carcinogenic C. Helpful D. Reactive
6	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
7	When chlorofluoro carbon are subjected to U.V. they form	A. Cations B. Anions C. Free radicals D. None of these
8	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
9	The normal amount of overhead ozone is about	A. 250 Du B. 300 DU C. 350 DU D. 400 DU
10	The amount of Si in the lithosphere is about	A. 27.72% B. 30.35% C. 35.30% D. 40.21%
11	The amount of oxygen in the lithosphere is about	A. 35.50% B. 40.60% C. 56.60% D. 50.50%
12	In the atmosphere, CO ₂ is about	A. 0.01% B. 0.03% C. 0.05% D. 0.09%
13	In the atmosphere, O ₂ is about	A. 10% B. 15% C. 21% D. 25%
14	The film forming components of paints are	A. Resins B. Thinners C. Pigments D. Driers
15	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

		D. None of these
16	Chromium (VI) is highly toxic and can cause	A. Blindness B. Cancer C. Liver problems D. Blood problems
17	Which gasses are produced from landfills	A. NH_3 B. H_2S C. N_2 D. All of these
18	In purification of potable water the coagulant used is	A. Nickle sulpahte B. Copper sulpahte C. Barium sulpahte D. Alum
19	Which is not a method for solid waste management	A. Landfill B. Incinerating C. Recycling D. None of these
20	Ecosystem is a smaller unit of	A. Hydrosphere B. Lithosphere C. Biosphere D. Atmosphere
21	Fungicides are the pesticides which	A. Control the growth of fungus B. Kill insects C. Kill plants D. Kill herbs
22	A single chlorine free radical can destroy how many ozone molecules	A. 100 B. 100000 C. 10000 D. 10
23	Which heavy metals do not have any safe limits	A. As B. Hg C. Cr D. All of these
24	SO_2 Makes _____ acid rains	A. Carbonic acid B. Sulfuric C. Nitric acid D. All of these
25	The pH range of the acid rain is	A. 8 - 7 B. 7 - 6.5 C. 6.5 - 6 D. Less than 5
26	Which of the following waste material is not recycled for use again	A. Paper B. Plastic C. Hides of animals D. Glass
27	In incinerating the waste is burnt at	A. 1000°C B. 100°C C. 2000°C D. 1500°C
28	Chromium (VI) is highly toxic and can cause	A. Blindness B. Cancer C. Liver problems D. Blood problems
29	Industrial effuents have toxic synthetic organic compounds as well as heavy metals like	A. Pb B. Cr C. Hg D. All of these
30	Which step is unnecessary for purification of water for drinking purposes	A. Aeration B. Coagulation C. Treatment with chlorine D. Treatment with iodine