

MDCAT Chemistry Chapter 21 Environmental Chemistry Online Test

Sr	Questions	Answers Choice
1	Ecology is a science of environment and deals specially with	A. stratosphere B. biosphere C. lithosphere D. hydrosphere
2	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
3	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+}
4	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
5	Ground and surface waters are contaminated and become polluted due to the human activity. Which human activity will not cause water pollution	A. live stock waste B. agricultural pesticides C. oil beaks and spills D. all of the above
6	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 reactions to take place C. air must be blowing swiftly D. there must be SO_2 in the air
7	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
8	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
9	NO and NO_2 gases in atmosphere are represented by	A. NO B. NO_4 C. NO_x D. N_xO_y
10	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
11	The largest item which is recycled is	A. newspaper B. plastic C. aluminium D. oil
12	In water the most important oxidizing agent is dissolved molecular oxygen which ranges form	A. 2 - 4 ppm B. 4 - 6 ppm C. 2 - 5 ppm D. 4 - 8 ppm
13	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
14	Polycyclic aromatic hydrocarbons are taught to be	A. Disinfectant B. Carcinogenic C. Helpful D. Reactive
		A. pesticides

15	Which of the following human activities are contaminating surface and ground waters?	B. septic tanks C. petroleum and natural gas production D. all of these
16	When chlorofluoro carbon are subjected to U.V they form	A. Cations B. Aninons C. Free radicals D. None of these
17	Ozone in most of the tropical regions acts as a pollutant and cause	A. damages to eyes B. aggravates asthma C. chest discomfort D. all of these
18	The normal amount of overhead ozone is about	A. 250 Du B. 300 DU C. 350 DU D. 400 DU
19	The amount of Si in the lithosphere is about	A. 27.72% B. 30.35% C. 35.30% D. 40.21%
20	The amount of oxygen in the lithosphere is about	A. 35.50% B. 40.60% C. 46.60% D. 50.50%