

MDCAT Chemistry Chapter 21 Environmental Chemistry Online Test

Sr	Questions	Answers Choice
1	Density of water becomes maximum at	A. 10°C B. 4°C C. 5°C D. 12°C
2	Out of total amount of water available for human use is	A. 0.30% B. 0.2% C. 40% D. 50%
3	Water in swimming pools is purified by adding	A. Sodium B. Chlorine C. Phosphorus D. Potassium
4	Water which forms scum with soap is called	A. Hard water B. Soft water C. Distilled water D. Un distilled water
5	During thunderstorms, water dissolves	A. Dust particles B. HCl C. Nitric acid D. Clouds
6	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	
7	Increased awareness of environmental issues has led chemists to develop products and processes that do not impact on the environment in terms of pollution or depletion of sources. To help chemist to achieve this aim, some principles are drawn. Which one is not the guiding principle	A. Avoid waste production B. Use no solvent C. Use a catalyst D. Devise a multistep procedure for synthesis of new compounds
8	Why a C - Cl bond breaks by uv light	A. Cl is most electronegative B. Cl is volatile C. C - Cl bond energy is smaller than that of C - H bond energy D. Uv light provides energy which is sufficient to break C - Cl bond and not C - H bond
9	CFC's are known to cause depletion of ozone layer therefore their use has been banned in refrigerators and air conditioners. Which alternate compound may be suitable to replace CFC	A. CCl ₄ B. CHCl ₃ C. CH ₃ - CH ₂ - CH ₂ - CH ₂ - CH ₂ - CHF ₂ -
10	One of the environmental problem is the formation of oil slicks when oil is spilled form tankers in sea water. Which treatment is suitable to remove oil slicks	A. Blow air B. Add Na ₂ CO ₃ C. Use a specially made sorbent having fluorine trapped in it D. Use a sorbent having

		Al ₂ U ₃ trapped in it
11	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 reactive chemically
12	What is the cause of water pollution	A. Chemical and bacterial constants in live stock B. The spilled oil in rivers and ponds C. Wide spreads used of pesticides D. All of these
13	Ozone is 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
14	Incineration is a process in which solid waste is burned at high temperature ranging from	A. 500 to 600°C B. 900 to 1000°C C. 1000 to 1100°C D. 600 to 700°C
15	Solid waster of the city is disposed off by dumping in a landfill. Which of the following gas is produced in the landfill	A. Oxygen B. Chlorine C. Hydrogen sulphide D. Hydrogen chloride gas
16	The disposal of domestic refuse, commercial and industrial solid wastes are studied under the title	A. Solid waste management B. Waste management C. Solid management D. Semisolid management
17	Biochemical oxygen demand is the capacity of organic matter in natural water to consume oxygen	A. 2 days B. 5 days C. 6 days D. 7 days
18	Surface and ground water sources are contaminated by various human activities. Which of the following is not human activity that causes contamination in fresh water	A. Live stock waste B. Oil leaks and spills C. Desposal of industrial effluents D. Rain
19	Which of the following is not the required condition for the formation of smog	A. Sufficient NO B. Sunlight C. Less movement of air D. Winds
20	The normal amount of overhead ozone is	A. 350 DU B. 450 DU C. 400 DU D. 300 DU