MDCAT Chemistry Online Test

Sr	Questions	Answers Choice
1	Which is most acidic?	A. H2O B. C2H5OH C. C4H9OH D. CH3-CH2-CH2OH
2	CFCs destroy ozone layer. How many ozone molecule a chlorine free radical can destroy	A. 10,000 B. 20,000 C. 100,000 D. 50,000
3	Nihydrin reacts with amino acid to give product of	A. Bluish color B. Violet color C. Bluish violet color D. No color
4	The respiration process taking place in animals depends on a difference in	A. Partial pressure B. Osomotic pressure C. Vapour pressure D. Atomospheric pressure
5	In big/metropolitan cities, atmosphere is mostly polluted due to	A. Radioactive fall out B. Household waste C. Pesticide residue D. Automobile exhausts
6	On hydrolysis sucrose gives:	A. glucose and maltose B. fructose and lactose C. fructose and maltose D. glucose and Fructose
7	Which is the drived lipid?	A. Common fats B. Vitamin-D C. Common oils D. Spinolipids
8	Major cause of SO2 on global scale is	A. Volcanoes B. Electric sparks C. Combustion D. All
9	Polarizability is responsible for intermolecular forces and it	A. increases down the group B. decreases down the group C. almost remains the same D. increased along a period
10	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
11	Which of the following is a non-typical transition element?	A. Cr B. Zn C. Mn D. Fe
12	Which alkaline earth metal makes peroxide?	A. Ba B. Be C. Mg D. Ca
13	Photochemical smog contains----as main reactants	A. Nitrous oxide & unburnt hydrocarbons B. NO & brunt hydrocarbons C. Nitric oxide & unburnt hydrocarbons D. N2O & burnt hydrocarbons

14	Which of the following is precursor of T3 and T4	A. Gaba B. Dopa C. B-Alanine D. Di-iodotyrosine
15	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
16	Cyclone collector is used to reduce:	A. noise pollution B. air pollution C. water pollution D. radioactive pollution
17	The reagent for alkaline hydrolysis of ethyl bromide to form ethyl alcohol is	A. water at room T B. Alcoholic KOH+heat C. Ethanol + heat D. dil. NaOH+ heat
18	Choose the correct statements	A. SO₂affects the nucleus B. SO₂affects plasmodesmata C. SO₂affects cell wall D. SO₂affects all membrane systems
19	In elimination reaction i.e, in the formation of alkene, the reactivity of alkyl halide is in the order:	A. Cl>Br>I B. I>Br>Cl C. Br>Cl>I D. I>Cl> Br
20	Substances that render enzymes catalytically inactive are called	A. coenzymes B. substrates C. inhibitors D. apoezymes