

MDCAT Chemistry Online Test

0	Overtime	Aurana Chai
Sr	Questions	Answers Choice
1	Plasma proteins are separated by	A. DialysisB. ElectrophoresisC. FiltrationD. Alcohol precipitation
2	The structure of a polymer depends upon how the monomer-repeating unit joins to make a polymer. What is not the type of structure of a polymer	A. Synthetic polymer B. Linear polymer C. Branched D. Cross linked or inter connected polymer
3	If the rate of the reaction is equal to the rate constant, the order of the reaction is	A. 3 B. 1 C. 0 D. 2
4	Choose the correct statements	A. SO ₂ affects the nucleus B. SO ₂ affects plasmodesmata C. SO ₂ affects cell wall D. SO ₂ affects all membrane systems
5	Which of the following alcohol is more soluble in H2O	A. Propanol B. Butanol C. Pentanol D. Hexanol
6	Half of the mass of atmosphere is concentrated above earth at the hieght of	A. 40 Km B. 25-28 Km C. 5-6 Km D. 100 Km
7	solubility of carboxylic acids decreases in water with increase in molar mass because	A. Bigger molecules are more polar B. bigger molecules have bigger non- polar groups C. bigger molecules make more hydrogen bonds D. bigger molecules can form lesser hydrogen bonds/molecule
8	Photochemical smog containsas main reactants	A. Nitrous oxide & Department Amplifications B. NO & Department Amplifications C. Nitric oxide & Department Amplifications D. N2O & Department Amplifications D. N2O & Department Amplifications
9	Which of following is NOT use the polyvinylacetate (PVA)	A. An adhesive material B. Binder for emulsion C. Used as gramophone D. None as these
10	Which one of the following compounds is known as tertiary alcohol?	A. 1-Propanol B. 2-methyl-1 propanol C. 2-propanol D. 2-methyl-2-propanol
11	Order of reactivity of alkenes with hydrogen halide is.	A. HBr > HI > HCl B. HI >HBr>Hf C. Hf > HI>HCl D. HI >HBr>HCl
12	SO ₂ produced by volcanoes is about	A. 75% B. 67% C. 69% D. 70%
13	Liquid ammonia has become an important fertilizer for direct application to soil. It contains nitrogen.	A. 46% B. 82% C. 14% D. 17%
		A. Amide

14	An alkyl halide reacts with NH3 to give	B. Cyanide C. Amine D. Aniline
15	The substances added in paints for improving the mechanical properties is called:	A. pigmein B. filter C. stabilizer D. binder C. stabilizer D. binder C. stabilizer
16	Addition of unsymmetrical reagent to an unsymmetrical alkene is governed by	A. Cannizzaro's Reaction B. Aldol Condensation C. Kirchhoff Rule D. Markownikov's Rule
17	In the body carbohydrates are broken down into:	A. glucose B. fatty acids C. amino acids D. nucleic acid
18	Spectrometry method is applicable if a reactant or a product absorbs radiation	A. Ultraviolet B. Visible C. Infrared D. Any of these
19	Which one is monosacharide?	A. starch B. glucose C. maltose D. sucrose
20	Which of the following pair has the same no. of electrons in d- subshell	A. Sc+3,Ti+3 B. Mn+2,Fe+3 C. Ti+3,V+3 D. Cr+3.Co+2