

MDCAT Chemistry Online Test

Sr	Questions	Answers Choice
1	A fat or oil is characterized for extent of unsaturation by one of the following number. Which one is:	A. acid number B. saponification number C. rancidity number D. iodine number
2	The bond angle between any two sp hybrid orbitals is	A. 107.09° B. 120° C. 90° D. 80°
3	Methyl butyrate has an smell of:	A. apple B. pine apple C. banana D. winter green
4	How much quantity of water is in the domestic use	A. 0.08% B. 16% C. 24% D. 90%
5	Optimum PH for enzyme pepsin is	A. 01 B. 2 C. 05 D. 6.5
6	Polymerization process was classified in	A. 1926 B. 1927 C. 1929 D. 1931
7	The shielding effect of inner electron is responsible for	A. Having no effect on ionization energy B. Decreasing ionization energy C. Increasing ionization energy D. Increasing electronegativity
8	Reaction of ethyl bromide with ammonia	A. Completes in a single step B. Completes in two steps C. Continues till N is left with no lone pair D. is reversible
9	Choose an addition polymer among the following:	A. terylone B. nylon 6,6 C. polystyrene D. epoxy resin
10	Ester with raspberry flavor	A. Amyl acetate B. Isobutyl formate C. Amyl butyrate D. Octyl acetate
11	1, 3, 5-Pentanetriol has secondary carbon	A. 3 B. 1 C. 2 D. Zero
12	CFCs are mainly used in industries due to	A. Low cost B. Gaseous nature C. High reactivity D. Un stability
13	Plastic are a pollution problem because many plastics	A. Burn to produce toxic fumes B. Decompose to produce toxic products C. Are made from petroleum D. Are very inflammable
14	Molar mass of formic acid in benzene comes out to be	A. 64 B. 46 C. 32 D. 92

15	Fine powder gypsum is mixed with clinker up to:	A. 4% B. 6% C. 5% D. 7%
16	The B.P of glycerine at 760 torr pressure is	A. 200°C B. 290°C C. 250°C D. 262°C
17	White marble buildings are effected by?	A. O_2 B. SO_2 C. Cl_2 D. CFCs
18	Phosphoprotein comes under the type of proteins	A. Simple protein B. Derived protein C. Conjugated D. Both A & B
19	Which one of the following is not associated with SN2 mechanism	A. 100 % inversion of configuration B. Tertiary alkyl halides C. 2nd order kinetics D. Change of hybridization from sp^3 to sp^2 in transition state
20	Fungicides re the pesticides which:	A. kill plants B. kill herbs C. kill insects D. control the growth of fungus