

MDCAT Chemistry Online Test

0	Overtines	Arrayana Obraina
Sr	Questions	Answers Choice
1	Ozone is produced in regions:	A. tropical B. Polor C. antaric D. equator
2	Plaster of Paris is obtained from	A. marble B. bauxite C. gypsum D. limestone
3	Surface and ground water sources are contaminate by various human activity. which of the following is not a human activity that causes contamination in fresh water?	A. rain b> B. live stock waste C. oil leaks and spills D. disposal of industrial effluents
4	Ka values of few organic acids are given. Acid Ka value $ \text{CH}_3\text{COOH 1.85} \times 10^{-5} \\ \text{CCI}_2\text{COOH 2.3} \times 10^{-2} \\ \text{CHCI}_2\text{ COOH 5.0} \times 10^{-3} \\ \text{CH}_2\text{OCOOH 1.3} \times 10^{-3} \\ \text{The order of acid strength is.} $	A. CCI ₂ COOH > CHCI ₂ COOH > CH ₂ COOH > CH ₂ COOH > CHCI ₂ COOH > CHCI ₂ COOH > CCI ₂ COOH > CH ₃ COOH > CI ₃ COOH > CH ₂ COOH > CH ₂ COOH > CH ₃ COOH > CH ₂ COOH > CHCI ₂ COOH > CHCI ₂ COOH >
5	Which of the following is most found in protein molecule	A. Carbon B. Hydrogen C. Oxygen D. Nitrogen
6	The element which has greatest value of Reduction potential is used as	A. Strongest reducing agent B. Weak oxidizing and strong reducing agent C. Strongest oxidizing agent D. None of these
7	Natural water is	A. Pure B. Impure C. Acts as solute D. Distilled
8	Which one of the following is not type of polymer:	A. copolymer B. homopolymer C. terpolymer D. hereropolymer
9	Primary, secondary aad tertiary alcohols can be identified and distinguished by	A. Lucas test B. lodoform test C. Baeyer's test D. Silver mirror test
10	Silk is an example of	A. animal fiber B. vegetable fibre C. mineral fibre D. none of these
11	Which of the following is synthetic thermoplastic polymer	A. PVC B. Bakelite C. Synthetic varnishes D. Both b & D.
12	Vegetable oils are	A. Unsaturated fatty acids B. Glycosides of unsaturated fatty acids C. Glycosides of saturated fatty acids

13	Which of the following is not a property of enzymes?	A. extraordinary speciffcity B. reversibility of reactions C. high efficiency D. minimum activity at optimum T
14	The crystal of diamond is	A. ionic B. molecular C. covalent D. metallic
15	Elements of II-A group are called alkaline earth metals due to the reason that	A. they occur in earth only B. they form divalent cations only C. they have ns2 electronic configuration D. their oxides and hydroxides are alkaline in nature and metals are present in earth crust
16	Which of the following is not a category of proteins based upon their function?	A. genetic B. Regulatory C. nucleo D. structural
17	Micro nutrients are required in quality ranging from:	A. 4g - 40g B. 6g - 200g C. 6dg - 200kg D. 4kg - 40kg
18	How much heat is absorbed by 100 g of water when its temperature decreases from 25°C to 5°C? (heat capacity is 4.2 J/gK)	A. 84,000J B. 2000/4.2J C2000/4.2j D8400J
19	Molecular mass of PVC is (DP = 1200)	A. 63000 B. 75000 C. 75600 D. 80,000
20	A molecule of polysaccharide hydrolysis produces molecules of:	A. 2 B. 3 C. 2-10 D. 100