

MDCAT Chemistry Chapter 19 Amino Acids Online Test

Sr	Questions	Answers Choice
1	On hydrolysis sucrose gives:	A. glucose and maltose B. fructose and lactose C. fructose and maltose D. glucose and Fructose
2	Example of essential aromatic amino acids	A. Theronine B. Alanine C. Phenyl alanine D. Glycine
3	Which method is not used in preparation of acetic acid?	A. Oxidation of ethane B. Hydrolysis of ethyl acetate C. Reaction of CO ₂ with CH ₃ MgX D. Oxidation of methane
4	Ornithine is	A. A basic amino acid B. An essential amino acid C. Present in protein structure D. All of these
5	Steroid belong to the family of:	A. protein B. enzyme C. lipids D. carbohydrates
6	Lactic acid is buffered by	A. L. Carnosine B. Glutathione C. Casenogin D. Dopa
7	Thermoplastic polymer can be softened and hardened when cool repeatedly, Which one is not a thermoplastic among he following?	A. epoxy resin B. PVC C. Plastic toys D. none of all
8	Which is the optimum temperature for the activity of enzyme?	A. 20 - 35°C B. 10 -15°C C. 55 - 70°C D. 35 - 55°C
9	Which of the following is precursor of T3 and T4	A. Gaba B. Dopa C. B-Alanine D. Di-Iodotyrosine
10	Which one of the following element is not present in all proteins?	A. carbon B. hydrogen C. nitrogen D. sulphur
11	Monosacharide belongs to the groups:	A. fats B. carbohydrates C. lipids D. proteins
12	one gram of carbohydrate yields energy:	A. 10kcal B. 100kcal C. 4kcal D. 9kcal
13	Formic acid is given name from Latin word a "formic" which means:	A. Red out B. Vinegar C. Butter D. Milk
14	Monohalo derivatives of alkanes are called:	A. two glucose molecules B. alkyl halide C. alkenes D. imide
15	Choose an addition polymer among the following:	A. terylone B. nylon 6,6 C. polystyrene

D. epoxy resin

16 Which of the following is most found in protein molecule

- A. Carbon
- B. Hydrogen
- C. Oxygen
- D. Nitrogen

17 Lysine

- A. Basic Only ketogenic
- B. Ketogenic glucogenic
- C. Acidic glucogenic
- D. Non essential

18 General formula of aliphatic carboxylic acids:

- A. R-OH
- B. R-COH
- C. R-CO-R
- D. RCOOH

19 Which woody raw material is used for the manufacture of paper pulp?

- A. cotton
- B. bagasse
- C. poplar
- D. rice staw

20 In the cyclic structure of the glucose when the position of atoms on carbon 1 is called one isomer changes to other. These isomers of glucose are called:

- A. metamers

- B. position isomers

- C. cis-trans

- D. anomers
