

## MDCAT Chemistry Chapter 19 Amino Acids Online Test

Sr	Questions	Answers Choice
1	All amino acids are optically active except	A. Amino acid B. Series C. Threonine D. Tryptophan
2	Which one of the following is not type of polymer:	A. copolymer   B. homopolymer   C. terpolymer   D. hereropolymer  
3	The active group of glutathione is	A. Amino group B. Sulfhydryl group C. Carboxylic group D. Imino group
4	Water soluble and cyrstalline carbohydrates are:	A. monosacharides   B. obiligoseacharides   C. polysacharides   D. a and b  
5	Daily protein intake for normal adults should be:	A. 0.2g/kg   B. 0.5g/kg C. 0.8g/kg   D. 1.1g/kg  
6	All of the following are aliphatic amino acids except	A. Glycine B. Alanine C. Proline D. Lysine
7	Which of the following is not a carbohydrate?	A. nuclic&nbsp; acid   B. strach   C. glycoyen   D. cellulose  
8	On hydrolysis sucrose gives:	A. glucose and maltose   B. fructose and lactose   C. fructose and maltose   D. glucose and Fructose  
9	Albumin is	A. Insoluble in water B. Heat coagulable protein C. A plant protein D. A protein of low biological value
10	Which one is non-reducing sugar?	A. sucrose   B. glucose   C. fructose   D. galactose  
11	Example of non-protein amino acid	A. Alanine B. Citrulline C. Phenylalanine D. Leucine
12	Coenzymes are the species which increase the activity of enzymes. They are chemically:	A. metal ions   B. none - metals   C. organic acids   D. organic bases  
13	Carboxylic acid having more than one carboxyl group are called:	A. Mono-carboxylic acid B. Di-carboxylic acid C. Tri-carboxylic acid D. Poly carboxylic acid
14	Amino acids which contain two amino groups are called	A. Acidic amino acids B. Basic amino acids C. Neutral amino acids D. Amphoteric amino acids
15	one gram of carbohydrate yields energy:	A. 10kcal   B. 100kcal   C. 4kcal   D. 9kcal  

16	The amino group in 19 alpha-amino acids is primary; only one alpha-amino acid has secondary amino group which one is that	A. Alanine B. Glutamic acid C. Glycine D. Proline
17	Glycine is characterized by	A. Absence of an asymmetric carbon B. Absence of optical activity C. The shortest amino acid D. All of these
18	Amino acids are bifunctional organic compounds what are the two function groups	A. Carboxylic acid and alcohol B. Alcohol and aldehyde C. Carboxylic acids and ketone D. Amino group and carboxylic acid
19	Keratin is	A. Protein of tendons B. Rich in sulfur C. Poor in cysteine D. Conjugated protein
20	Condensation occurs between amino acids with the elimination of	A. $H_2O$ B. $H_2$ C. $O_2$ D. $NH_3$