

MDCAT Chemistry Chapter 19 Amino Acids Online Test

Sr	Questions	Answers Choice
1	Which is not a calcareous material?	A. lime B. clay C. marble D. marine shell
2	Cholesterol is a precursor of steroid hormones, Choose the class of steroid:	A. a carbohydrate B. a hydrocarbon C. a natural lipid D. a protein a hydrocarbon
3	The chemical reactivity of glass is reduced by the use of	A. fluxes B. formers C. stabilizers D. none of the above
4	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
5	Aspartic acid is a (an)	A. Monoamino dicarboxylic acid B. Diamino Monocarboxylic acid C. Aromatic amino acid D. Imino acid
6	Example of essential aromatic amino acids	A. Theronine B. Alanine C. Phenyl alanine D. Glycine
7	Water soluble and cyrstalline carbohydrates are:	A. monosacharides B. obiligoseacharides C. polysacharides D. a and b
8	Which method is used to prepare carboxylic acid?	A. Hydrolysis of Al_4C_3 B. Hydrolysis of CaC_2 C. Hydrolysis of alkyl nitrites D. Hydrolysis of alkenes
9	A molecule of polysacharide on hydrolysis produces _____ of molecules of monosacharide,	A. 2 - 10 B. 3 C. >10 D. 2
10	Protein of high biological value	A. Contains essential amino acids B. Is poor in essential amino acids C. Is of plant source D. Contains amino acid glycine e. Is a basic protein
11	General formula of aliphatic carboxylic acids:	A. R-OH B. R-COH C. R-CO-R D. RCOOH
12	Butyric acid was named from butyrum means:	A. Red out B. Vinegar C. Butter D. Milk
13	Which of the following represents peptide linkage	A. -C=N- B. -CO-NH- C. -CH ₂ -NH- D. -CH-NH-
14	Carboxylic acid is given name by replacing "a" of alkane by:	A. "oic" acid B. "one" C. "al" D. "ol"
15	Per hydro cyclopentano phenathrene is the basic structure of all the:	A. Proteins B. vitamins C. waxes D. none of the above

D. amines

16 An amino acid exists in the form of Zwitter-ion Which has:

- A. one - ve charge

- B. one + ve charge

- C. two + ve charges

- D. one + ve and one -ve

17 Formula of stearic acid is:

- A. $C_{11}H_{23}COOH$
- B. $C_{13}H_{27}COOH$
- C. $C_{15}H_{31}COOH$
- D. $C_{17}H_{35}COOH$

18 Which of the following is not a carbohydrate?

- A. nucleic acid

- B. starch

- C. glycogen

- D. cellulose

19 Type of bond between nitrogen and carbonyl group

- A. Hydrogène bonds
- B. Covalent bond
- C. Peptide bond
- D. Disulphide bond

20 All of the following are simple proteins except

- A. Histones
- B. Albumin
- C. Keratins
- D. Glycoprotein