

MDCAT Chemistry Chapter 19 Amino Acids Online Test

Sr	Questions	Answers Choice
1	Third structure of protein structure refers to	A. Number and sequence of amino acids B. Three dimensional structure of protein C. Proteins formed of more than one monomer D. Bending of protein molecule
2	Casemogen is	A. Chromoprotein B. Phosphoprotein C. Glycoprotein D. Lipoprotein
3	The optimum PH value fro the enzyme pepsin is:	A. 10 B. 1.4 C. 2 D. 8
4	Aspartic acid is a (an)	A. Monoamino dicarboxylic acid B. Diamino Monocarboxylic acid C. Aromatic amino acid D. Imino acid
5	Formula of paltimic acid is:	A. $C_{11}H_{22}COOH$ B. $C_{13}H_{27}COOH$ C. $C_{15}H_{31}COOH$ D. $C_{17}H_{35}COOH$
6	Albumin is	A. Insoluble in water B. Heat coagulable protein C. A plant protein D. A protein of low biological value
7	Which of these polymers is a synthetic polymer?	A. animal fat B. starch C. cellulose D. polyester
8	A molecule of polysaccharide hydrolysis produces _____ molecules of:	A. 2 B. 3 C. 2-10 D. 100
9	Benedict solution gives a positive test with but catalyze the same reaction:	A. fructose B. glucose C. starch D. sucrose
10	Keratin is	A. Protein of tendons B. Rich in sulfur C. Poor in cysteine D. Conjugated protein
11	The energy produced by a carbohydrate is:	A. 3 kcal/gm B. 2kcal/gm C. 6kcal/gm D. 4kcal/gm
12	Steroid belong to the family of:	A. protein B. enzyme C. lipids D. carbohydrates
13	Tertiary structure of proteins involves EXCEPT	A. Domains B. Globular C. Fibrous D. Beta sheets
14	The unit of peptides is	A. Moiety B. Residue C. Polypeptide

D. Both A and B

15 Which of the following is not a carbohydrate?

- A. nucleic acid
- B. starch
- C. glycogen
- D. cellulose

16 Globulin is

- A. A basic protein
- B. A protein of low molecular weight
- C. Heat coagulable protein
- D. Easily soluble in water e. A fibrous protein

17 A protein rich in proline and hydroxy proline is

- A. Globin
- B. Collagen
- C. Casein
- D. Histone

18 Monohalo derivatives of alkanes are called:

- A. two glucose molecules
- B. alkyl halide
- C. alkenes
- D. imide

19 Benedict solution gives a positive test with:

- A. glucose
- B. fructose
- C. sucrose
- D. starch

20 Which of the following is precursor of T3 and T4

- A. Gaba
- B. Dopa
- C. B-Alanine
- D. Di-iodotyrosine