

MDCAT Chemistry Chapter 19 Amino Acids Online Test

Sr	Questions	Answers Choice
1	Carboxylic acid having two carboxyl group are:	A. Mono-carboxylic acid B. Di-carboxylic acid C. Tri-carboxylic acid D. Tetra carboxylic acid
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	Hydrolysis of protein by 6M HCl gives peptides and then alpha-amino acids. How many alpha-amino acids molecules are obtained on the hydrolysis of a tetrapeptide	A. 2 B. 3 C. 4 D. 5
4	Macro-nutrients are required in quantities ranging from	A. 5 kg - 200 kg B. 2 kg - 100 kg C. 1 kg - 50 kg D. 10 kg - 100 kg
5	The reaction between fat and NaOH is called:	A. esterification B. hydrogenolysis C. fermentation D. sponification
6	Silk is an example of	A. animal fiber B. vegetable fibre C. mineral fibre D. none of these
7	Chloroethene, $\text{CH}_2 = \text{CHCl}$ is the monomer of PVC. What are the C-C-C bond angles along the polymeric chain in PVC?	A. They are all 109.5° B. half are 109.5° and half are 120° C. They are all 120° D. They are all 180°
8	Monohalo derivatives of alkanes are called:	A. two glucose molecules B. alkyl halide C. alkenes D. imide
9	Which is not an amino acid	A. Lysine B. Glycine C. Alanine D. Aniline
10	The structure of a polymer depends upon how the monomer-repeating unit joins to makes a polymer, What is not the type of structure of a polymer?	A. synthetic polymer B. linear polymer C. branched D. cross linked or inter connected polymer
11	Which of the following protien is found in bone	A. Keratin B. Ossein C. Mucin D. Actin
12	Glucose is a:	A. ketohexose B. aldohexose C. meonosacharide D. 'b' and 'c'
13	How many zones through which the charge passes in a rotary kiln?	A. 4 B. 3 C. 2 D. 5
14	The fat soluble vitamins are:	A. A and B B. B and C C. C and D D. A and D
15	Which one of the following statements about glucose and sucrose is incorrect:	A. both are soluble in water B. both are naturally occurring C. both are carbohydrates

D. both are disaccharides

16 The word paper is derived from the name of which reedy plant

- A. rose
- B. sun flower
- C. papyrus
- D. water hyacinth

17 one gram of carbohydrate yields energy:

- A. 10kcal

- B. 100kcal

- C. 4kcal

- D. 9kcal

18 Which is not an essential amino acid

- A. Leucine
- B. Methionine
- C. Histidine
- D. Lysine

19 The number of paper industries in Pakistan are

- A. 30
- B. 25
- C. 35
- D. 20

20 A fat or oil is characterized for extent of unsaturation by one of the following number. Which one is:

- A. acid number

- B. saoilucfucation umber

- C. rancidity number

- D. iodine number
