

MDCAT Chemistry Chapter 19 Amino Acids Online Test

| Sr | Questions | Answers Choice |
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| 1 | Which woody raw material is used of the manufacture of paper pulp? | A. cotton B. bagasse C. poplar D. rice straw |
| 2 | Amino acid which synthesized many hormones is | A. Valine B. Phenylalanine C. Alanine D. Histidine |
| 3 | Covalent bond is | A. A weak bond B. A true chemical bond C. A hydrogen bond D. Responsible for secondary structure of protein |
| 4 | The word paper is derived from the name of which reedy plant | A. rose B. sun flower C. papyrus D. water hyacinth |
| 5 | Carboxylic acid can be prepared from the reaction of Grigard's reagent with: | A. Aldehydes B. Ketones C. Formaldehyde D. CO_2 |
| 6 | Amino acid α -hydroxy carboxylic acid and | A. CO_2 gas B. H_2 gas C. N_2 gas D. NH_3 gas |
| 7 | In the body carbohydrates are broken down into: | A. glucose B. fatty acids C. amino acids D. nucleic acid |
| 8 | Albumin is | A. Insoluble in water B. Heat coagulable protein C. A plant protein D. A protein of low biological value |
| 9 | N terminal of glutathione is | A. Glycine B. Cysteine C. Glutamate D. Aspartate |
| 10 | Monohalo derivatives of alkanes are called: | A. two glucose molecules B. alkyl halide C. alkenes D. imide |
| 11 | The buffering property of proteins is due to the presence of | A. Acidic and basic group B. Hydrogen bonds C. Indole group D. Hydrophobic |
| 12 | 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 |
| 13 | Which one of the following organic acids is made from methanol? | A. propanoic acid B. butanoic acid C. formic acid D. acetic acid |
| 14 | Keratomalacia is caused due to the deficiency of vitamin: | A. A B. B C. C D. K |
| 15 | Lysine | A. Basic Only ketogenic B. Ketogenic glucogenic C. Acidic glucogenic |

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| | | D. Non essential |
| 16 | Per hydro cyclopentano phenathrene is the basic structure of all the: | A. Proteins B. vitamins C. waxes D. amines |
| 17 | Formic acid is obtained from red out by: | A. Distillation B. Crystallization C. Filtration D. Sublimation |
| 18 | Second order 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 |
| 19 | 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_3MgX D. Oxidation of methane |
| 20 | Which one of the following is not type of polymer: | A. copolymer B. homopolymer C. terpolymer D. hereropolymer |