

MDCAT Chemistry Chapter 19 Amino Acids Online Test

| Sr | Questions | Answers Choice |
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| 1 | Carboxylic acid is given name by replacing "a" of alkane by: | A. "oic" acid B. "one" C. "al" D. "ol" |
| 2 | Amino acids ionize in water to form | A. Zwitterion B. Internal saH C. Dipolar ion D. All of these |
| 3 | Carboxylic acid having three carboxyl groups are: | A. Mono carboxylic acid B. Di-carboxylic acid C. Tri-carboxylic acid D. Tetra carboxylic acid |
| 4 | Choose an addition polymer among the following: | A. terylone B. nylon 6,6 C. polystyrene D. epoxy resin |
| 5 | Which is not a calcareous material? | A. lime B. clay C. marble D. marine shell |
| 6 | Which method is not used in preparation of acetic acid? | A. Oxidation of ethane B. Hydrolysis of ethyl acetate C. Reaction of CO₂with CH₃MgX D. Oxidation of methane |
| 7 | Acetic acid is obtained from: | A. Red out B. Vinegar C. Butter D. Milk |
| 8 | Which method is used to prepare carboxylic acid? | A. Hydrolysis of Al₄C₃ B. Hydrolysis of CaC₂ C. Hydrolysis of alkyl nitrites D. Hydrolysis of alkenes |
| 9 | Which of the following protien is found in bone | A. Keratin B. Ossein C. Mucin D. Actin |
| 10 | Amino acid produce α-hydroxy carboxylic acid when treated with | A. KNO₃/HBr B. Zn/HCl C. NaNO₂/HCl D. Pd/BaSO₄ |
| 11 | Daily protein intake for normal adults should be: | A. 0.2g/kg B. 0.5g/kg C. 0.8g/kg D. 1.1g/kg |
| 12 | Example of non-protein amino acid | A. Alanine B. Citrulline C. Phenylalanine D. Leucine |
| 13 | A peptide having molecular mass of more than 10,000 is called as | A. Fat B. Vitamin C. Carbohydrate D. Proteins |
| 14 | Amino acid which synthesized many hormones is | A. Valine B. Phenylalanine C. Alanine D. Histidine |
| 15 | Aromatic carboxylic acids have corboxyl group attached to group: | A. Alkyl group B. Aryl group C. Phenyl group |

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| | | D. Benzyl group |
| 16 | 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 |
| 17 | All of the following are essential amino acids except | A. Lysine B. Aspartate C. Tryptophan D. Histidine |
| 18 | Denaturation of protein means the structure of protein is disrupted indicate which factor does not denature protein | A. oxidizing agent B. heat protein C. keeping pH 7.35 D. pH changes |
| 19 | Lactic acid is buffered by | A. L. Carnosine B. Glutathione C. Casenogin D. Dopa |
| 20 | Rancidification of fats and oils is due to: | A. oxidation reaction B. hydrolysis reaction C. both a and b D. hydrogenation reaction |