

Virtual University of Pakistan

Bio202

Biochemistry I

Midterms Past Papers

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Bio202 Mid Term

Q write characteristics of enantiomers

Q name two diseases caused by misfolding of proteins

Q what are digestive proteins.Explain with examples

Q what are ketogenic amino acids

Q give characteristics of furfural compounds

Q Name factors that influence free energy of protein molecules

Q what do u know about allosteric amino acid?

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- Q deffin allotropy?
- Q what is HSP60?
- Q characteristics of furfural comounds?
- Q How Duchenne Muscular Dystrophy is caused?
- Q Diffrence betwwen Hemiacetals and Hemiketals?
- Q How misfolding of proteins occur?
- Q What are monosaccharides? write two examples.
- Q What are Chaperons and write its main function.
- Q What are carbohydrates? and write four major groups of carbohydrates.
- Q anomers and anomeric carbon
- Q starch and its structure
- Q beta bnds
- Q side chain importance of alanine .valine.lucine
- Q domain in protein
- Q protein structure
- Q what are carbohydrates?also tell their major groups
- Q basics of classification of proteins
- Q furfural compounds
- Q note on transcription
- Q what is diasaccharide two examples 3
- Q .quatnary structute of protein
- Q how alpha helix stablize.tautomers define
- Q carbohydrates k biological importance
- Q what is role proton bind with heme group in tissues and lung
- Q Biomedical importance of protein Which force help to stability of 3-d structure of protein

- Q Example of protein denaturation in our daily life.
- Q what are anomers or anomeric carbon
- Q what are ketogenic amino acid
- Q describe alpha helix or disulphide bridge
- Q allosteric form of hemoglobin
- Q titration curve of glycine
- Q Starch and its Structure. 5
- Q Motif of protein. 5
- Q Denaturation of protein example from daily life 2
- Q Hsp60 3
- Q Equilibrium constant of reversible reaction 3
- Q Difference btw secondary and tertiary structure of proteins [2]
- Q Define electrostatic forces in protein interactions [2]
- Q Write the side properties of Glutamate and Alanine [3]
- Q Domain in Protein and their function [3]
- Q Explain the single letter naming symbol in Amino acids [5]

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Hsp60

importance of protein structure

forces responsible for 3 d structure of protein

why a helix disturb due 2 presence of selenine

what are ketogenic amino acid

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subjective paper Questions...

1: name of Essential amino acids.3

2: two example of protein denaturation from everyday life.2

3: properties of proteins.5

4: discuss the steps of protein folding.5

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5: what are osazone.2

6: monosaccharides equation reaction.3