Bio 202 quiz#1

By Expert Zoologist

BIO202 - Biochemistry-I (Quiz 1) Quiz Start Time: 04:15 PM, 05 December 2022

Question # 1 of 10 (Start time: 04:15:29 PM, 05 December 2022) Total Marks: 1

•This step-wise folding of the proteins is dictated by thermodynamics resulting in a formation of native form, which is also the most energetically_____ form.

Select the correct option

Reload Math Equations

- flexible
- favoured
- Unflexible
- Unfavoured

Click to Save Answer & Move to Next Question

BIO202 - Biochemistry-I (Quiz 1) Quiz Start Time: 04:15 PM, 05 December 2022

Question # 2 of 10 (Start time: 04:16:18 PM, 05 December 2022) Total Marks: 1

•Some proteins contain two or more separate _____chains, or subunits, which may be identical or different.

Select the correct option

Reload Math Equations

- polysaccharide
- lipid
- hyaluronic
- polypeptide

Click to Save Answer & Move to Next Question

Question # 3 of 10 (Start time: 04:17:34 PM, 05 December 2022) **Total Marks: 1**

•A ligand binds at a site on the protein called the binding site, which is _____to the ligand in-size, shape, charge, hydrophobicity.

Select the correct option

Reload Math Equations

- equal
- visible
- complementary
- similar

Click to Save Answer & Move to Next Question

BIO202 - Biochemistry-I (Quiz 1) Quiz Start Time: 04:15 PM, 05 December 2022

Question # 4 of 10 (Start time: 04:18:27 PM, 05 December 2022) Total Marks: 1

•Proteins are dynamic molecules that can fold into their functionally competent conformation in _____.

Select the correct option

Reload Math Equations

- several hours
- few minutes
- milliseconds
- seconds

Click to Save Answer & Move to Next Question

Question # 5 of 10 (Start time: 04:19:29 PM, 05 December 2022) Total Marks: 1

•A molecule bound reversibly by a protein is called a_____

Select the correct option

Reload Math Equations

- receptor
- ligand
- enzyme
- catalyst

Click to Save Answer & Move to Next Question

Question # 6 of 10 (Start time: 04:20:09 PM, 05 December 2022) **Total Marks: 1**

•Many conditions, including Alzheimer's disease Type 2 diabetes,Huntington's disease and Parkinson's disease, arise from a common _____mechanism of proteins.

Select the correct option

Reload Math Equations

- misfolding
- unfolding
- straightening
- folding

Click to Save Answer & Move to Next Question

Question # 7 of 10 (Start time: 04:20:54 PM, 05 December 2022) Total Mark

•The three dimensional structure of a native protein in its normal physiological state is the one in which the Gibbs free energy of the whole system is_____

Select the correct option

Reload Math Equation

- average intensity
- highest
- unchangable
- lowest

Click to Save Answer & Move to Next Question

Question # 8 of 10 (Start time: 04:21:34 PM, 05 December 2022) **Total Marks: 1**

•The protein can discriminate among thousands of different molecules in its environment and selectively _____only one or a few similar compounds.

Select the correct option

Reload Math Equations

- repel
- bind
- avoid
- react

Click to Save Answer & Move to Next Question

Question # 9 of 10 (Start time: 04:22:21 PM, 05 December 2022) Total Marks: 1

chaperones are the auxiliary proteins that utilize the energy provided by _____to assist in the folding process

Select the correct option

Reload Math Equations

- ADP reaction
- ATP hydrolysis
- ATP methylation
- ATP deacetylation

Click to Save Answer & Move to Next Question

Question # 10 of 10 (Start time: 04:23:10 PM, 05 December 2022) Total Marks: 1

•The structural adaptation that occurs between protein and _____is called induced fit

Select the correct option

Reload Math Equations

- catalyst
- cell memebrane
- carbohydrate
- ligand

Click to Save Answer & Move to Next Question