

# Biology 243 Exam Review Part 4

1. Two monosaccharides linked together
  2. Glucose in plants
  3. Glucose in animals
  4. Structural function; dietary fiber
  5. Saturated lipids (form)
  6. Unsaturated lipids (form)
  7. Structural lipids made of fatty acids
  8. Precursor molecule for steroids produced by gonads and adrenal gland
  9. Linear polymers made out of amino acids
  10. Covalent bond that links amino acids
  11. Unbranched chain of amino acids
  12. Amino acid sequence
  13. Interactions between the amino acids to form a 3D structure
  14. Determines how the protein is arranged
  15. Two or more polypeptides form a functional protein
  16. Protein loses its shape
  17. Promote chemical reactions by lowering activation energy
  18. Extra energy needed to get a reaction started
  19. Lower activation energy of a reaction
  20. Molecule that undergoes a reaction
  21. Origin of the enzyme that binds to the substrate
  22. Carry information
  23. Energy of cells
  24. Molecules of ions move from an area of high concentration to low
  25. Substances cross a membrane without energy
- A. Glycogen
  - B. Disaccharides
  - C. ATP
  - D. Substrate
  - E. Passive process
  - F. Nucleic acids
  - G. Quaternary structure
  - H. Catalysts
  - I. Proteins
  - J. Simple diffusion
  - K. Active site
  - L. Phospholipids
  - M. Solid
  - N. Tertiary structure
  - O. Enzymes
  - P. Primary structure
  - Q. Denatured
  - R. Activation energy
  - S. Liquid
  - T. Peptide bond
  - U. Cholesterol
  - V. Starch
  - W. Diffusion
  - X. Secondary structure
  - Y. Cellulose

26. Molecules move through the phospholipid bilayer

Z. Polypeptides