

Vocabulary Review

Match the correct vocabulary term to each numbered statement. Write the letter of the correct term on the line.

Column A

- _____ 1. class of relatively water-insoluble organic compounds of which waxes, fats, and oils are members
- _____ 2. protein that catalyzes a chemical reaction in a living organism
- _____ 3. any combination of amino acids in which the amino group of one acid is united with the carboxylic acid group of another
- _____ 4. process by which green plants and algae convert radiant energy from the sun into chemical energy
- _____ 5. a random change in the sequence of nucleotides in DNA
- _____ 6. a small organic molecule or metal ion necessary for an enzyme's biological activity
- _____ 7. the location in an enzyme molecule into which the substrate of a chemical reaction fits
- _____ 8. a polymer of deoxyribonucleotides found primarily in the nucleus of a cell
- _____ 9. segment of DNA that codes for one kind of protein
- _____ 10. complex carbohydrate formed by the linkage of many monosaccharide monomers
- _____ 11. hydrolysis of fats or oils using hot aqueous sodium hydroxide

Column B

- a. saponification
- b. peptide
- c. lipids
- d. polysaccharide
- e. active site
- f. enzyme
- g. photosynthesis
- h. coenzyme
- i. gene
- j. deoxyribonucleic acid
- k. mutation