Biology Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	The active site of an enzyme	A. Never changes B. Forms no chemical bond with substrate C. Determines by its structure the specificity of an enzyme D. Looks like a lump projection from the surface of an enzyme
2	The rate of an enzyme catalyzed reaction	A. Is constant under condition B. Decreases as substrate concentration increases C. Cannot be measured D. Can be reduced by inhibitors
3	If we add more substrate to already occurring enzymatic reaction and it has no effect on the rate of reaction, then what will be be the situation of the following	A. Saturation B. Denaturation C. Composition D. Inhibition
4	If more substrate to an already occurring enzymatic reaction is added more enzyme activity is seen because	A. There is probably more substrate present than there is enzyme B. There is probably more enzyme available than there is substrate C. There is probably more product present than either substrate or enzyme D. The enzyme substrate complex is probably failing to from during the reaction
5	Enzymes are	A. Polysaccharides B. Proteins C. Steroids D. Triglyceride
6	To biological function of a protein is determined by its	A. Primary structure B. Secondary structure C. Tertiary structure D. Quaternary structure
7	To produce Lactose	A. Two amino acids must form a peptide bond B. Pairing of nitrogenous bases must occur between nucleotides C. Glucose and galactose must undergo a dehydration reaction D. Glucose and fructose must undergo a hydrolysis reaction
8	When a protein undergoes a hydrolysis reaction the end-products are	A. Amino acid B. Monosaccharides C. Fatty acids D. Nucleotides
9	Glycerol is the back bone molecule for	A. Disaccharides B. DNA C. Triglycerides D. ATP
10	Peptide bonds are found in	A. Carbohydrate B. Lipid C. Proteins D. Inorganic compounds
11	Which class of molecule is the major component of cell membrane	A. Phospolipid B. Cellulose C. Wax D. Triglyceride
12	Which one of the following is and organic molecule	A. C₆H₁₂O₆ B. NO₂ C. H₂O D. H₂SO₄
13	A triglyceride is a	A. Simple sugar B. Lipid C. Protein D. Nucleic acid

14	Glycogen is an example of a	A. Polysaccharide only B. Carbohydrate only C. Phospholipid D. Both a polysaccharide and a carbohydrate
15	Which of the following is a protein	A. Cellulose B. Cholesterol C. ATP D. Insulin
16	The sum of all the chemical reaction that occur in the body is known as	A. Anabolism B. Metabolism C. Catabolism D. Differentiation
17	Amino acids are arranged in proper sequence during protein synthesis according to the instruction transcribed on	A. Transfer RNA B. Ribosomal RNA C. Messenger RNA D. DNA