

## Biology Fsc Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	Which of the following is NOT a protein.	A. Haemoglobin B. Cholesterol C. Pepsin D. Antibody
2	The mine is exclusively found in	A. RNA B. DNA C. DNA and RNA D. AMP
3	The sugar which acts as a precursor in photosynthesis is.	A. Ribulose B. Glucose C. Ribose D. Erythrose
4	Which one of the following is NOT a hexose.	A. Glucose B. Fructose C. Erythrose D. Galactose
5	According to Watson and Crick Model " the poles" of DNA double helix are composed of.	A. Nitrogenous bases B. Sugar +PO <sub>4</sub> groups C. Ribonucleotides D. Hydrogen bonds
6	Anabolic steroids were originally developed for the treatment of.	A. General anemia B. Diabetes mellitus C. Infectious disease D. Migraine
7	Sickle cell hemoglobin valine takes the place of.	A. Glutamic acid B. Glutamine C. Aspartic acid D. Phenylalanine
8	Translation converts the information in.	A. RNA to protein B. DNA to RNA C. Protein to DNA D. RNA to DNA
9	Clover leaf structure is the characteristics of	A. tRNA B. mRNA C. rRNA D. DNA
10	Which pentose sugar is present in RNA but not in DNA.	A. Ribose B. Deoxyribose C. Ribulose D. Glucose
11	Phosphodiester bonds in DNA are formed between	A. C5 of one nucleotide and C3 of another B. Nitrogenous bases C. C1 of sugar and phosphate D. Purines and pyrimidines
12	Which of the following are the basic structural framework of all types of plasma membranes	A. Lipoproteins B. Glycoproteins C. Glycolipids D. Nucleo histones
13	The amount of DNA in mitochondria and chloroplast is	A. 2% B. 23% C. 4.1% D. 6.1%
14	Which is NOT related to maltose	A. 1,4- glycosidic linkage B. Formed by 2 glucose monomers C. Formed as an intermediate product during digestion of starch D. Beta D glucose
		A. It lacks glycosidic bonds B. Human amylase cannot hydrolyze

- 15 Cellucose is not digested by humans because.  
beta (1-4) linkages  
C. It contains nitrogen containing group  
D. It is very hard to eat
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- 16 Compared to amylose, emyloperctin is digested at faster rate because.  
A. Branch structur eprovides more attack points  
B. It lacks hydrogen bonds  
C. It contains nitrogen containing group  
D. Both a and b
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- 17 The tail of phospholips faces inwards in a cell memebrane because it is.  
A. Hydrophobic  
B. Hydrophilic  
C. Contains glycerol  
D. Have positive charge
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- 18 If hemoglobin's quaternary structure was disrupted what would be the immedia consequence.  
A. Oxygen transporation efficiency would decrease  
B. Hemoglobin would mroe efficinetly transport gases  
C. Size of RBCs would incresse  
D. Both b and c
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- 19 Ice floating protects aquatic ecosystems by  
A. Forming a insulating layer that traps heat  
B. Making compartments in sea  
C. Reflecting sunlight  
D. Evaporation prevention
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- 20 Modified form of cellulose is called.  
A. Chitin  
B. Pectin  
C. Agar  
D. Dextrin