

## Biology Fsc Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	Cellulose is not digested by humans because.	A. It lacks glycosideic bonds B. Human amylase cannot hydrolyze beta (1-4) linkages C. It contains nitrogen containing group D. It is very hard to eat
2	Glucose molecule having OH group upper above side is termed as. on	A. Alpha D-glucose B. Beta D -glucose C. Charli D glucose D. Gamma D glucose
3	The type of conjugated molecules involved in the regulation of gene expression are.	A. Nucleoproteins B. Glycoprotein C. Nucleosomes D. Both a and c
4	Aggregation of tertiary structures makes.....structure of protein.	A. Quaternary B. Secondary C. Primary D. Tertiary
5	The fluid mosaic model of cell membranes is primarily composed of.	A. Phospholipids B. Sphingolipids C. Glycolipids D. Both a and c
6	Evaporation of 2 ml of water out of 1 litre lowers the temperature of remaining 998 ml water by	A. 1 °C B. 2 °C C. 3 °C D. 4 °C
7	Which one of the following is not a part of waxes.	A. Glycerol B. Long chain alkanes C. Ketones D. Long chain fatty acids
8	During translation tRNA molecules are responsible for.	A. Transporting amino acids to the ribosomes B. Transcribing DNA into RNA C. Forming the structure of ribosomes D. Degradation of mRNA
9	The tail of phospholipids faces inwards in a cell membrane because it is.	A. Hydrophobic B. Hydrophilic C. Contains glycerol D. Have positive charge
10	What compound would be manufactured with difficulty when soil has a shortage of phosphorus.	A. Proteins B. DNA C. Fatty acids D. Cellulose
11	Identify a compound which is a lipid but has modified fats, with non polar tails attached to a 5-carbon ring.	A. Cholesterol B. Prostaglandin C. Phospholipid D. Acylglycerol
12	Non-polar molecules tend to cluster together in aqueous environments to minimize contact with water molecules. This phenomenon is termed as.	A. Hydrophobic interaction B. Hydrogen bonding C. Hydrophilic interaction D. Condensation
13	A geneticist working in his lab wants to selectively allow some genes to work, he uses.....proteins to regulate particular gene action.	A. erritin B. Na-K pump C. Repressors D. Activators
14	Lipids transport which of the following vitamins.	A. Vitamin A B. Vitamin B C. Vitamin C D. Vitamin B6

15	Which of the following are the basic structural framework of all types of plasma membranes	A. Lipoproteins B. Glycoproteins C. Glycolipids D. Nucleo histones
16	Translation converts the information in.	A. RNA to protein B. DNA to RNA C. Protein to DNA D. RNA to DNA
17	The bond which maintains secondary structure of a protein is.	A. Hydrophobic interaction B. Ionic bond C. Hydrophilic interaction D. Hydrogen bond
18	When organisms have to store glucose for longer periods, they usually convert it into	A. Gats and oils B. Dipeptides C. Disaccharides D. Polysaccharides
19	A student of science working in lab mixes ethanol in an acetic acid, most like the compound formed will be.	A. Ester B. Polypeptide C. Diethyl ether D. Terpene
20	Starch coils into helices, while cellulose forms straight chains, due to differences in.	A. Glycosidic bond orientation B. Hydrogen bond number C. Isomerization D. Presence of n -containing groups