

Biology Fsc Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	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
2	When oil is dropped into water , oil is excluded from water forming strong associations among themselves, this phenomenon is called.	A. Hydrophobic exclusion B. Hydrophobic interaction C. Hydrogen bonding D. Hydrophilic interaction
3	What is the primary role of antibodies.	A. Transport CO ₂ B. Catalyze metabolic reactions C. Store iron D. Neutralize antigen
4	Which group is found in all fatty acids.	A. COOH B. SO ₄ C. PO ₄ D. C-N
5	The fluid mosaic model of cell membrane is primarily composed of.	A. Phospholipids B. Sphingolipids C. Glycolipids D. Both a and c
6	The term "Protein" was coined by	A. J . Berzelius B. F. Sanger C. Watson and crick D. Meselson
7	According to Watson and Crick Model " the poles" of DNA double helix are composed of.	A. Nitrogenous bases B. Sugar +PO ₄ groups C. Ribonucleotides D. Hydrogen bonds
8	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
9	Sodium atom loses its electron and becomes cation, while chlorine accepts that electron and becomes anion, an between them, which also called as	A. Covalent bond B. Ionic bond C. dipole dipole interaction D. Hydrogen bond
10	Number of peptide bonds in tetrapeptide are.	A. 1 B. 2 C. 3 D. 4
11	Cellulose is not digested by humans because.	A. It lacks glycosidic bonds B. It contains nitrogen containing group C. It is very hard to eat D. Human amylase cannot hydrolyze Beta (1-4) linkages
12	If hemoglobin's quaternary structure was disrupted what would be the immediate consequence.	A. Oxygen transportation efficiency would decrease B. Hemoglobin would more efficiently transport gases C. Size of RBCs would increase D. Both b and c
13	To which group of lipids the human sex hormones belong.	A. Steroid B. Waxes C. Prostaglandins D. Phospholipids
14	The tail of phospholipids faces inwards in a cell membrane because it is.	A. Hydrophobic B. Hydrophilic C. Contains glycerol D. Have positive charge

15	Which pentose sugar is present in RNA but not in DNA.	A. Ribose B. Deoxyribose C. Ribulose D. Glucose
16	Clover leaf structure is the characteristic of	A. tRNA B. mRNA C. rRNA D. DNA
17	Which one of the following proteins can be crystallized.	A. Fibrin B. Keratin C. Antibody D. Collagen
18	Haemoglobin has	A. Primary structure B. Secondary structure C. Tertiary structure D. Quaternary structure
19	Sickle cell hemoglobin valine takes the place of.	A. Glutamic acid B. Glutamine C. Aspartic acid D. Phenylalanine
20	The Fischer projection was devised by German chemist Emil Fischer in.	A. 1891 B. 1994 C. 1831 D. 1952
