

Biology Fsc Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	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
2	To which group of lipids the human sex hormones belong.	A. Steroid B. Waxes C. Prostaglandins D. Phospholipids
3	Proteins, nucleic acids and lipids make.....of the dry mass of living organisms.	A. 78% B. 93% C. 50% D. 7%
4	Which of the following is the most familiar disaccharide.	A. Maltose B. Sucrose C. Lactose D. Both a and c
5	The bond which maintains secondary structure of a protein is.	A. Hydrophobic interaction B. Ionic bond C. Hydrophilic interaction D. Hydrogen bond
6	Number of hydrogen bonds between G and C in a DNA helix are	A. 2 B. 3 C. 4 D. 5
7	The type of conjugated molecules involved in the regulation of gene expression are.	A. Nucleoproteins B. Glycoprotein C. Nucleosomes D. Both a and c
8	Which one of the following is not a part of waxes.	A. Glycerol B. Long chain alkanes C. Ketones D. Long chain fatty acids
9	The concentration of water in different organisms, varies from	A. 65 to 89% B. 40- 89% C. 80- 90% D. 50- 60%
10	Aggregation of tertiary structures makes.....structure of protein.	A. Quaternary B. Secondary C. Primary D. Tertiary
11	The most abundant organic biomolecules in cells are.	A. Nucleic acids B. Proteins C. Lipids D. Carbohydrates
12	Which type of RNA carries the genetic message from DNA to ribosomes.	A. tRNA B. rRNA C. mRNA D. dRNA
13	Glucose and galactose have a difference in the orientation of one OH group at.	A. C3 B. C4 C. C5 D. C6
14	A student of science working in lab mixes ethanol in an acetic acid, most likely the compound formed will be.	A. Ester B. Polypeptide C. Diethyl ether D. Terpene
15	Which one of the following proteins can be crystallized.	A. Fibrin B. Keratin C. Antibody D. ...

		D. Collagen
16	Glucose molecule having OH group upper side is termed as. on	A. Alpha D-glucose B. Beta D -glucose C. Charli D glucose D. Gamma D glucose
17	The bond present between chromosomal DNA and proteins is.	A. Hydrogen bond B. Ionic bond C. Meallic bond D. Covalent bond
18	Molecule consisting of many identical molecular units is called.	A. Monomer B. Polymer C. Enantiomer D. Isomer
19	A patient with a clotting disorder likely has a deficiency in .	A. Fibrinogen B. Hemoglobin C. Insulin D. Albumin
20	What is the primary role of antibodies.	A. Transport CO ₂ B. Catalyze metabolic reactions C. Store iron D. Neutralize antigen