

Biology Fsc Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	The mine is exclusively found in	A. RNA B. DNA C. DNA and RNA D. AMP
2	The loss of proteins that catalyse the metabolism of cells is.	A. Enzymes B. Channel proteins C. Cytochromes D. Repressors
3	Which of the following is the most familiar disaccharide.	A. Maltose B. Sucrose C. Lactose D. Both a and c
4	The concentration of water in different organisms, varies from	A. 65 to 89% B. 40- 89% C. 80- 90% D. 50- 60%
5	The disaccharide found only in mammalian milk, which is main source of energy for infant of mammals is.	A. Lactose B. Cane sugar C. Agar D. Cane sugar
6	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
7	Haemoglobin has	A. Primary structure B. Secondary structure C. Tertiary structure D. Quaternary structure
8	The specific heat of vaporization of water is.	A. 570 Kcal/kg B. 374 cal /moles C. 574 Kcal/kg D. 717.6 kcal/gram
9	Disaccharides and dipeptides are formed as a result of.	A. Dehydration synthesis B. Hydrolysis C. Oxidation reduction D. Catabolism
10	Which one of the following proteins can be crystallized.	A. Fibrin B. Keratin C. Antibody D. Collagen
11	Which type of RNA carries the genetic message from DNA to ribosomes.	A. tRNA B. rRNA C. mRNA D. dRNA
12	The amount of DNA in mitochondria and chloroplast is	A. 2% B. 23% C. 4.1% D. 6.1%
13	The type of conjugated molecules involved in the regulation of gene expression are.	A. Nucleoproteins B. Glycoprotein C. Nucleosomes D. Both a and c
14	Which class of biomolecules is formed by hydrophobic interactions.	A. Lipoproteins B. Glycolipids C. Glycoproteins D. Globular proteins
15	The fluid mosaic model of cell membranes is primarily composed of.	A. Phospholipids B. Sphingolipids C. Glycolipids D. Cholesterol

D. Both a and c

16 Sickle cell hemoglobin valine takes the place of.

- A. Glutamic acid
- B. Glutamine
- C. Aspartic acid
- D. Phenylalanine

17 In the primary structure of insulin alpha chain has 21 amino acids while beta chain has 30 amino acids, both these chains are joined by

- A. Hydrogen bond
- B. Disulphide bond
- C. Ionic bond
- D. Covalent bond

18 Which one is the largest carbohydrate

- A. Cellulose
- B. Ribose
- C. Glyceraldehyde
- D. Glucose

19 To which group of lipids the human sex hormones belong.

- A. Steroid
- B. Waxes
- C. Prostaglandins
- D. Phospholipids

20 ATP is structurally a

- A. Disaccharide
- B. Nucleotide
- C. Steroid
- D. Dipeptide