

Biology Fsc Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	The tail of phospholips faces inwards in a cell membrane because it is.	A. Hydrophobic B. Hydrophilic C. Contains glycerol D. Have positive charge
2	Translation converts the information in.	A. RNA to protein B. DNA to RNA C. Protein to DNA D. RNA to DNA
3	Which class of biomolecules is formed by hydrophobic interactions.	A. Lipoproteins B. Glycolipids C. Glycoproteins D. Globular proteins
4	Sickle cell hemoglobin valine takes the place of.	A. Glutamic acid B. Glutamine C. Aspartic acid D. Phenylalanine
5	Anabolic steroids were originally developed for the treatment of.	A. General anemia B. Diabetes mellitus C. Infectious disease D. Migraine
6	The fluid mosaic model of cell membranes is primarily composed of.	A. Phospholipids B. Sphingolipids C. Glycolipids D. Both a and c
7	The straight chains of cellulose are linked together by.....to form cellulose microfibrils.	A. Covalent bond B. Hydrogen bond C. Ionic bond D. Peptide bond
8	The proteins get coiled or folded within polypeptide chain at	A. Primary level B. Secondary level C. Tertiary level D. Quaternary level
9	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
10	Molecule consisting of many identical molecular units is called.	A. Monomer B. Polymer C. Enantiomer D. Isomer
11	The total number of different types of amino acids that have been reported to occur in living organisms is.	A. 25 B. 20 C. 170 D. 300
12	Which one of the following is NOT a hexose.	A. Glucose B. Fructose C. Erythrose D. Galactose
13	When organisms have to store glucose for longer periods, they usually convert it into	A. Gums and oils B. Dipeptides C. Disaccharides D. Polysaccharides
14	Ribosomal RNA comprises approximately what percentage of total cellular RNA	A. 3-4 % B. 10-15% C. 80% D. 50%
15	Which statement about prostaglandins is FALSE.	A. They control blood vessels diameter B. Involved in inflammatory response C. Derivative of fatty acids

16 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

17 The globular structure of protein is maintained by.....bonds.

- A. Ionic, hydrogen, disulphide
- B. Hydrogen, covalent, peptide
- C. Hydrophobic interactions, hydrogen bond, hydrophilic interactions
- D. Only hydrogen bond

18 Glucose and galactose have a difference in the orientation of one OH group at.

- A. C3
- B. C4
- C. C5
- D. C6

19 Which of the following are the basic structural framework of all types of plasma membranes

- A. Lipoproteins
- B. Glycoproteins
- C. Glycolipids
- D. Nucleo histones

20 Casein is an example of protein that

- A. Transports electrons
- B. Stores Ca^{++} and K^{+}
- C. Provides energy
- D. Helps in transport of O_2