

Biology Fsc Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	Which pentose sugar is present in RNA but not in DNA.	A. Ribose B. Deoxyribose C. Ribulose D. Glucose
2	The bond present between chromosomal DNA and proteins is.	A. Hydrogen bond B. Ionic bond C. Metallic bond D. Covalent bond
3	The primary energy storage molecule is glucose, and the number of CH-bonds in it are	A. 6 B. 6 C. 7 D. 4
4	Which group of amino acid responsible for its identity and unique chemical properties.	A. R-group B. COOH group C. NH ₂ group D. All of above
5	Chitin differs from cellulose in having	A. Alpha (1-4) linkages B. Nitrogen-containing groups C. Branched glucose chain D. Ether linkage
6	Molecule consisting of many identical molecular units is called.	A. Monomer B. Polymer C. Enantiomer D. Isomer
7	The term "Protein" was coined by	A. J. Berzelius B. F. Sanger C. Watson and crick D. Meselson
8	The proteins get coiled or folded within polypeptide chain at	A. Primary level B. Secondary level C. Tertiary level D. Quaternary level
9	Which one is the largest carbohydrate	A. Cellulose B. Ribose C. Glyceraldehyde D. Glucose
10	The type of conjugated molecules involved in the regulation of gene expression are.	A. Nucleoproteins B. Glycoprotein C. Nucleosomes D. Both a and c
11	Cellulose is not digested by humans because.	A. It lacks glycosidic bonds B. Human amylase cannot hydrolyze beta (1-4) linkages C. It contains nitrogen containing group D. It is very hard to eat
12	The amount of DNA in mitochondria and chloroplast is	A. 2% B. 23% C. 4.1% D. 6.1%
13	Glucose molecule having OH group upper above side is termed as. on	A. Alpha D-glucose B. Beta D-glucose C. Chair D glucose D. Gamma D glucose
14	They honey bees use to make hexagonal chambers of their combs, by producing.	A. Waxes B. Acylglycerol C. Phospholipids D. Terpenoids
15	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

16 Basic knowledge of biochemistry helps to understand anatomy and.....

A. Physiology
B. Morphology
C. Parasitology
D. Pathology

17 The fluid mosaic model of cell membranes is primarily composed of.

A. Phospholipids
B. Sphingolipids
C. Glycolipids
D. Both a and c

18 Which type of RNA carries the genetic message from DNA to ribosomes.

A. tRNA
B. rRNA
C. mRNA
D. dRNA

19 Number of hydrogen bonds between G and C in a DNA helix are

A. 2
B. 3
C. 4
D. 5

20 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