

## 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. Meallic bond D. Covalent bond
3	The primary energy sgrogage molecule is glucose, and the numebr of CH-bonds in it are	A. 6 B. 6 C. 7 D. 4
4	Which group of amino acid sresponsiblefor its identity and unique chemicla properties.	A. R-group B. COOH group C. NH <sub>2</sub> group D. All of above
5	Chitin differs from cellulose in having	A. Alpha (1-4) linkages B. Nitrogen -containing groups C. Brached glucose chian D. Ether linkage
6	Molecule consisting of many identical molecularr 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 coliled or folded within polypeptide chan at	A. Primay level B. Secondary leve C. Tertiary level D. Quanternary 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 regulatio 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 glycosideic bonds B. Human amylase annot hydroyze beta (1-4) linkages C. It contains nitrogen containing grop D. It is very hard to eat
12	The amount of DNA in mitochondriaand chloroplast is	A. 2% B. 23% C. 4.1% D. 6.1%
13	Glucose molecule having OH groupupper abvoe side is termed as. on	A. Alpha D-glucose B. Beta D -glucose C. Charli 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. Terperiods
15	Cellulose is not digested hv humans because	A. It lacks glycosidic bonds B. It contains nitrogen containing group

15	Cellulose is not digested by humans because.	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 an insulating layer that traps heat B. Making compartments in sea C. Reflecting sunlight D. Evaporation prevention