

Biology Fsc Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	The reason behind Aspirin's ability to reduce inflammation, pain and fever is that it is a.	<p>A. Prostaglandin inhibitor</p> <p>B. Prostaglandin activator</p> <p>C. Prostaglandin co factor</p> <p>D. Both b and c</p>
2	Casein is an example of protein that	<p>A. Transports electrons</p> <p>B. Stores Ca⁺⁺ and K⁺</p> <p>C. Provides energy</p> <p>D. Helps in transport of O₂</p>
3	Which of the following is NOT a protein.	<p>A. Haemoglobin</p> <p>B. Cholesterol</p> <p>C. Pepsin</p> <p>D. Antibody</p>
4	The bond present between chromosomal DNA and proteins is.	<p>A. Hydrogen bond</p> <p>B. Ionic bond</p> <p>C. Metallic bond</p> <p>D. Covalent bond</p>
5	Molecule consisting of many identical molecular units is called.	<p>A. Monomer</p> <p>B. Polymer</p> <p>C. Enantiomer</p> <p>D. Isomer</p>
6	ATP is structured as a	<p>A. Disaccharide</p> <p>B. Nucleotide</p> <p>C. Steroid</p> <p>D. Dipeptide</p>
7	The bond which helps in maintaining the structure of large molecules like proteins, nucleic acids, as well as DNA replication is.	<p>A. Hydrophobic interaction</p> <p>B. Hydrogen bond</p> <p>C. Hydrophilic interaction</p> <p>D. Ionic bond</p>
8	What is the primary role of antibodies.	<p>A. Transport CO₂</p> <p>B. Catalyze metabolic reactions</p> <p>C. Store iron</p> <p>D. Neutralize antigen</p>
9	Which one of the following is NOT the function of cholesterol.	<p>A. Lipid transport</p> <p>B. Precursor of corticosteroids</p> <p>C. Precursor of vit-A</p> <p>D. Precursor of bile acids</p>
10	High fructose corn syrup has replacedas a sweetener.	<p>A. Maltose</p> <p>B. Sucrose</p> <p>C. Glucose</p> <p>D. Lactose</p>
11	Atom that shares its electron with another atom to form a bond is most likely to be formed between them. What type of chemical bond is it?	<p>A. Ionic</p> <p>B. Covalent</p> <p>C. Hydrogen</p> <p>D. Hydrophobic interaction</p>
12	Evaporation of 2 ml of water out of 1 litre lowers the temperature of remaining 998 ml water by	<p>A. 1 °C</p> <p>B. 2 °C</p> <p>C. 3 °C</p> <p>D. 4 °C</p>
13	Translation converts the information in.	<p>A. RNA to protein</p> <p>B. DNA to RNA</p> <p>C. Protein to DNA</p> <p>D. RNA to DNA</p>
14	Compared to amylose, amylopectin is digested at a faster rate because.	<p>A. Branch structure provides more attack points</p> <p>B. It lacks hydrogen bonds</p> <p>C. It contains nitrogen-containing groups</p> <p>D. Both a and b</p>
		<p>A. It lacks glycosidic bonds</p> <p>B. Human amylase cannot hydrolyze</p>

15	Cellulose is not digested by humans because.	beta (1-4) linkages C. It contains nitrogen containing group D. It is very hard to eat
16	Modified form of cellulose is called.	A. Pectin B. Chitin C. Agar D. Dextrin
17	According to Watson and Crick Model " the poles" of DNA double helix are composed of.	A. Nitrogenous bases B. Sugar +PO4 groups C. Ribonucleotides D. Hydrogen bonds
18	A patient with a clotting disorder likely has a deficiency in .	A. Fibrinogen B. Hemoglobin C. Insulin D. Albumin
19	To which group of lipids the human sex hormones belong.	A. Steroid B. Waxes C. Prostaglandins D. Phospholipids
20	The total number of different type of amino acids that have been reported to occur in living organisms is.	A. 25 B. 20 C. 170 D. 300