

## Biology Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	Which of the following represent induced fit model	A. When substrate combines with the binding site, it induces change in enzyme structure B. Active site is not a rigid structure C. It is modified form of lock and key model D. All of above
2	Chyme is released into small intestine through.	A. Pyloric sphincter B. Cardiac sphincter C. Ileocolic sphincter D. Rectal sphincter
3	Approximately 72% of CO <sub>2</sub> is carried in blood as.	A. Carbonate ions B. Bicarbonate ions C. Acetate ions D. Carbonic acid ions
4	In chlorophyll-a, the second pyrrole ring has	A. CH <sub>3</sub> group B. CHO group C. NH <sub>2</sub> Group D. COOH group
5	What is the primary function of flagella in bacterial cells	A. Motility B. DNA replication C. Cell division D. Protein synthesis
6	The type of cartilage which is found in areas of the body that experience high stress and tension is	A. Fibro cartilage B. Hyaline cartilage C. Elastic cartilage D. Both b and c
7	Which bioinformatics tool acts like a Google Search for DNA sequences.	A. Photoshop B. BLAST C. PDB D. Excel
8	The thickness of left ventricle is about how much more than right ventricle	A. 3 B. 5 C. 10 D. 12
9	The bond which maintains secondary structure of a protein is.	A. Hydrophobic interaction B. Ionic bond C. Hydrophilic interaction D. Hydrogen bond
10	The device machine that records electrical signals generated by cardiac impulses is called.	A. Electrocardiogram B. Electrocadiograph C. Electroencephalogram D. Echocardiogram
11	An injury to the ligament is called as.	A. Sprain B. Strain C. Stress D. Twist
12	The human vertebral column has a distinctive.....	A. S- Shaped B. C- Shaped C. Y- Shaped D. H- Shaped
13	At some point, bacterial cell membrane invaginates to form vesicles, tubules or lamellae in cytoplasm, these structures are known as.	A. Ribosomes B. Mesosomes C. Endosomes D. Peroxisomes
14	Flexion or bending of lower leg is done by	A. Quadriceps femoris B. Hamstrings C. Biceps D. Gastrocnemius
		A. Geotropism

15	The movement in response to touch is called.	B. Thigmotropism C. Phototropism D. Chemotropism
16	Casparian strips are hurdle in the way of	A. Vacuolar pathway B. Symplast pathway C. Apoplast pathway D. None of above
17	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
18	The light dependent reaction take place on	A. Thylakoid membrane B. Cristae C. F1 -Particles D. Stroma
19	Which data base stores 3D structures of macromolecules.	A. PDB B. Ensembl C. GenBank D. BLAST
20	Identify the cell	A. Osteoblast B. Mature bone cell C. Osteoclast D. Stem Cell