

## Biology Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	Which sphincter is present between oesophagus and stomach	A. Cardiac sphincter B. Renal sphincter C. Cerebral sphincter D. Ileocolic sphincter
2	Which cells does not comprise xylem tissue.	A. Sieve elements B. Xylem fibres C. Tracheids D. Vessels
3	Which enzyme is responsible for the breakdown of DNA.	A. DNA polymerase B. DNA synthase C. DNA Ligase D. DNA ase
4	Pick the odd one.	A. Vomer B. Lacrimal C. Nasal D. Maxilla
5	The enzyme of thermophilic bacterial can function at.	A. 70 °C B. 170 °C C. 210 °C D. 340 °C
6	Which of the following is not tropic movement	A. Phototactic B. Phototropism C. Geotropic D. Thigmotropic
7	Which technique is used to determine the 3D-structure of proteins.	A. Electron microscopy B. Mass spectrometry C. X-ray crystallography D. Spectrometry
8	The stiffening of muscles after death is called.	A. Rigor mortis B. Myasthenia gravis C. Tetany D. Muscle fatigue
9	The first step in x-ray crystallography experiment is.	A. Compute an electron density B. Build a model of your molecule C. Measure a diffraction pattern D. Grow a crystal
10	The Procedure in which a healthy joint from a donor is transplanted to replace the damaged joint is called.	A. Allograft transplantation B. Chondrocyte implantation C. Patellar joint replacement D. Total joint replacement
11	Ethylene is a natural product of metabolism of plants which	A. Promotes flowering in pineapple B. Inhibits fruit ripening C. Promotes seed dormancy D. All of above
12	Smaller subunit of bacterial ribosome sediments at.	A. 50 S B. 30 S C. 70 S D. 80 S
13	Who suggested that there are two separate groups of prokaryotes.	A. Carl Woese B. F. Sanger C. Robert Whittaker D. Frederick Meischer
14	Penicillin permanently disables the enzymes responsible for building bacterial cell walls because it acts as.	A. Irreversible inhibitor B. Competitive inhibitor C. Non competitive inhibitor D. Reversible inhibitor
15	The 2nd step of sliding filament model is.	A. Sarcomere at relaxed state B. Arrival of nerve impulse C. Cross bridges and power stroke D. Separation of myosin heads

16	Which of the following eukaryotic cell structures does not contain DNA.	A. Nucleus B. Mitochondrion C. Endoplasmic reticulum D. Chloroplast
17	Which statement is correct to describe sliding filament model of muscle contraction	A. Myosin filaments pull on the sarcomere so that actin filaments are shortened B. Myosin filaments pull on actin filaments so that sarcomere is shortened C. Actin filaments pull on myosin filaments so that sarcomere is shortened D. Actin filaments pull on sarcomere so that myosin filaments are shortened.
18	Which of the following are the basic structural framework of all types of plasma membranes	A. Lipoproteins B. Glycoproteins C. Glycolipids D. Nucleo histones
19	Which process is common both in photosynthesis and respiration	A. Electron transport chain and chemiosmosis B. Glycolysis C. Pyruvic acid oxidation D. Krebs cycle
20	The cofactors which are attached with enzyme by covalent bonds are called.	A. allosteric enzyme B. Apoenzyme C. Prosthetic group D. Proenzyme