

## Biology Fsc Part 1 Chapter 3 Online Test

Sr	Questions	Answers Choice
1	Which one is not related to the nuclear pore	A. Annular subunit B. Column subunit C. Ribosomal subunit D. Lumenal subunit
2	Ability to eularge the image of an object is called	A. Magnification B. Resolution C. Extension D. Expansion
3	Resolution of electron microsocpe is	A. 0.2 nanometer B. 0.2 micrometer C. 0.2 centrimeter D. 0.3 centimeter
4	The glycoporatine and glycoplipids on outside surface of plasma memberane are collectively called ad.	A. Glycocalyx B. Phospholipoid C. Phosphoproteins D. Lipoproteins
5	All peroxisomes carry out this function	A. Break down fasts and aminko acids into smaller molecules that can be used for energy production by mitochondria B. Digest macromolecules usng the hydrolytic enzymes they contain C. Synthesize memebane components such as fatty acids and phospholipids D. Control the flow of ions into and out of the cell
6	Surface of rough endoplamic reticulum is covered with	A. Ribosomes B. Centrioles C. Nucleolus D. Nucleosome
7	Eukaryotic risosomes are produced and assembled in	A. nuclelous B. Golgi apparatus C. Plastids D. Cytoplasm
8	X-ray crystallography is used to study.	A. Surface topology of cell B. Createe sharp and detail images C. Atomic structur eof memberane proteins D. High resolution image of memebane
9	Which of the following statemetn does not apply to the nuclear envelope	A. It is a doubel memberane B. It is containous with the endoplasmic reticulum C. It has poress through which material enters and leaves D. It has infoldings to form crisate
10	Sites for cellular respiration are	A. Lungs B. Mitochondria C. Polysome D. Ribosomes
11	The samifluid matrix found inside the nucleus is called.	A. Nucleous B. Chromosomes C. Nuclleoplasm D. Cytoplasm
12	How would the absence of peroxisomes in a cell affect its metabolism, and what would be the likely symptoms.	A. The cell would be unable to carry out oxidative phosphorylation, leading to reduced ATP Production B. The cell would accumulate hydrogen peroxide, leading to oxidative stree and potential cellular damage C. The cell would accumulate hydrogen peroxide, leading to oxidative stree and potential cellular damage D. The cell would have impaired proten synthesis, ,leading to muscle

		weakness E. The cell would fail to produce lipids causing membrane instability
13	ATP is a form of which energy	A. Electrical B. Analytical C. Chemical D. Physical
14	According to fluid mosaic model proteins are.	A. Present outside lipid bilayer B. Float in the lipid bilayer C. Present toward inner side of lipid bilayer D. Not present in the cell membrane
15	Detoxification of harmful drug is function of.	A. Smooth endoplasmic reticulum B. Rough endoplasmic reticulum C. Cristae of mitochondria D. Thylakoid of chloroplast
16	Ability to distinguish between two points are close together on an object is.	A. Staining B. Resolution C. Magnification D. Division
17	Mitochondria is bounded by how many membranes.	A. 1 B. 2 C. 3 D. 4
18	Protein production machinery is	A. Glyoxisomes B. Lysosomes C. Ribosomes D. Mitochondria
19	In the nucleus of eukaryotic cells, the genetic material is complexed with protein and organized into linear structures called.	A. Chromosomes B. Centrioles C. Histones D. Plasmids
20	Which of the following does not apply to chloroplasts	A. They contain chlorophyll and the enzymes required for photosynthesis B. They contain an internal membrane system consisting of thylakoids C. They synthesize ATP D. They are bounded by two membranes, the inner of which is folded into the cristae