

Biology Fsc Part 1 Chapter 3 Online Test

Sr	Questions	Answers Choice
1	F-I particles on inner membrane of mitochondria are enzymes.	A. ATP reductase B. ATP Synthase C. Matrix catalase D. Protein synthase
2	Three major components i.e. plasma membrane, cytoplasm and nucleus make up	A. Tissue B. Organ C. Cell D. Organelle
3	Who concluded that parts of plants were made of compartments.	A. Robert Hooke B. Robert Whittaker C. Louis Pasteur D. Leeuwenhoek
4	All peroxisomes carry out this function	A. Break down fats and amino acids into smaller molecules that can be used for energy production by mitochondria B. Digest macromolecules using the hydrolytic enzymes they contain C. Synthesize membrane components such as fatty acids and phospholipids D. Control the flow of ions into and out of the cell
5	Non green compartment of chloroplast are.	A. Grana B. Thylakoids C. Leucoplast D. Lamellae
6	Nuclear Lamina on the inner side of a nuclear envelope is made of	A. Protein B. Lipid C. Vitamin D. Nucleotide
7	A chromosome is made of chromatids and	A. Centromere B. Centrioles C. Microfilaments D. Microtubules
8	Actual cell wall of cell is	A. Secondary wall B. Primary wall C. Middle lamella D. Tertiary wall
9	Sites for cellular respiration are	A. Lungs B. Mitochondria C. Polysome D. Ribosomes
10	Protein production machinery is	A. Glyoxisomes B. Lysosomes C. Ribosomes D. Mitochondria
11	Ability to distinguish between two points are close together on an object is.	A. Staining B. Resolution C. Magnification D. Division
12	Which of the following is not an accurate description of a chromosome	A. It is a coloured body localized in the nucleus B. It is a protein and nucleic acid complex C. It is the cellular structure that contains the genetic material D. In eukaryotes, it is composed of many DNA molecules attached end to end
13	The semi-fluid matrix found inside the nucleus is called.	A. Nucleus B. Chromosomes C. Nucleoplasm

D. Cytoplasm

14 Which is not true for eukaryotic ribosomes.

- A. They are involved in protein synthesis
- B. They have Svedberg value of 70 S
- C. They are produced in nucleolus
- D. They are composed of two subunits

15 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

16 Eukaryotic ribosomes are produced and assembled in

- A. Nucleolus
- B. Golgi apparatus
- C. Plastids
- D. Cytoplasm

17 Which one is not related to the nuclear pore

- A. Annular subunit
- B. Column subunit
- C. Ribosomal subunit
- D. Luminal subunit

18 Which of the following eukaryotic cell structures does not contain DNA.

- A. Nucleus
- B. Mitochondrion
- C. Endoplasmic reticulum
- D. Chloroplast

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 Nucleus was discovered by

- A. Robert Koch
- B. Louis Pasteur
- C. Theodor Schwann
- D. Robert Brown
