

MDCAT Biology Chapter 13 Variation & genetics/ inheritance Online Test

Sr	Questions	Answers Choice
1	Cells recycle their dead parts with the help of	A. Centrioles B. Vacuoles C. Lysosomes D. Golgi apparatus
2	On an average, there are 50 or more thylakoids piled to form one	A. Intergranum B. Crista C. Granum D. F ₁ particle
3	Which one of the following acts as a site for storage of water and cells products or metabolic Intermediates?	A. Chloroplast B. Mitochondrion C. Vacuole D. Endoplasmic reticulum
4	All of the following are present in mitochondria, EXCEPT	A. Cristae B. Ribosomes C. DNA D. Thylakoids
5	Which one of the following always contains DNA?	A. Centriole B. Lysosome C. Golgi apparatus D. Mitochondrion
6	The rough endoplasmic reticulum is involved in	A. Synthesis of proteins B. Storage Of Ca ²⁺ ions C. Synthesis of lipids D. Detoxification of drugs
7	Which region of the nucleolus has DNA?	A. Central fibrillar region B. Central granular region C. Peripheral granular region D. Peripheral fibrillar region
8	A Crista is made of ----- membrane	A. Lipoprotein B. Glycoprotein C. Nucleoprotein D. Phospholipids
9	Methylation of proteins occur in	A. Transport vesicles of endoplasmic reticulum B. Lysosomes C. Golgi apparatus D. Transport vesicles of Golgi bodies
10	----- and ----- have same number of chromosome	A. Man, Chimpanzee B. Chimpanzee, Potato C. Man, Potato D. Potato, Tomato
11	A group of ribosomes attached with same mRNA form polysome for	A. Better expression of Gene B. Rapid production of protein C. Increased production of protein D. Protein export
12	The organelle that protect the cell from invading organisms is	A. Centriole B. Lysosome C. Mitochondrion D. Vacuole
13	Digestive vacuoles are also called as	A. Primary Lysosomes B. Secondary Lysosomes C. Phagocytic Vacuoles D. Pinocytic Vacuoles
14	Capability of extra nuclear inheritance is found in	A. Ribosomes B. Lysosomes C. Mitochondria D. Chromosomes
15	Traffic of substance between nucleoplasm and cytoplasm is controlled by	A. Nuclear Envelope B. Nuclear membrane C. Nuclear pores D. Nuclear lamina

		D. Endoplasmic reticulum
16	Which one of the following is associated with intracellular transport of material?	A. Golgi apparatus B. Centriole C. Endoplasmic reticulum D. Lysosome
17	----- Develop the basic formwork of plasma membrane:	A. Phospholipids B. Glycoproteins C. Glycolipids
18	Pick up the correct statement about the following figure:	A. 2.Nucleolus, 4.Golgi apparatus, 10.cytoplasm, 7.Mitochondria B. 2.Nucleolus, 7.cell membrane, 9.cytoplasm, 7.Mitochondria C. 2.Nucleolus, 4.Golgi apparatus, 5.cytoplasm, 7.Mitochondria D. 2.Nucleolus, 4.Golgi apparatus, 10.cytoplasm, 7.Centriole
19	Endocytosis of an apoptotic body is termed as	A. Pinocytosis B. Exocytosis C. Phagocytosis D. Apoptosis
20	A Cell interacts with its external environment through	A. Cell Wall B. Nuclear membrane C. Plasma membrane D. Cytoplasm