

## MDCAT Biology Chapter 13 Variation & genetics/ inheritance Online Test

Sr	Questions	Answers Choice
1	Most of the plant cells lack following organelles EXCEPT	A. Flagellum B. Lysosome C. Centriole D. Mitochondria
2	Pick up the correct sequence of path followed by a testosterone molecule till its export	A. SER&gt;RER&gt;Transport vesicle&gt;Golgi apparatus&gt;secretory vesicle&gt;cell membrane B. SER&gt;Golgi apparatus&gt;Transport vesicle&gt;secretory vesicle&gt;cell membrane C. SER&gt;RER&gt;Golgi apparatus&gt; Transport vesicle&gt;secretory vesicle&gt;cell membrane D. SER&gt;Transport vesicle&gt;Golgi apparatus&gt;secretory vesicle&gt;cell membrane
3	According to fluid mosaic model of cell membrane	A. The most common type of molecules in the membrane are proteins B. Basic membrane structure results from how proteins interact with water C. The membrane is highly mobile mixture of phospholipids and proteins D. The unique properties of cell types are determined by their phospholipids
4	Eukaryotic ribosomes are composed of an almost equal amount of _____ and proteins	A. DNA B. RNA C. Carbohydrates D. Lipids
5	Substances cross the cell membrane more easily when they are	A. water soluble B. protein soluble C. alcohol soluble D. lipid soluble
6	Most unifying characteristics of all types of cells is	A. Cell membrane B. Nucleus C. Ribosomes D. S.E.R
7	Animal cells differ from plant cells in having	A. 80 S ribosome B. Chloroplasts C. Mitochondria D. Centrioles
8	Which of the following features is not shared by prokaryotic and eukaryotic cells	A. Ribosome B. Cytoplasm C. Cell membrane D. Nuclear membrane
9	The intake of liquid material across the cell membrane is called as	A. Phagocytosis B. Pinocytosis C. Endocytosis D. Exocytosis
10	Peptidoglycan or murine is a special or distinctive feature of cell wall in	A. Algae B. Bacteria C. Fungi D. Plants