

04/19/21

Bio Cell test Abhyas academy

1) The smallest unit that can live its own and makes up all living organisms and the tissues of body. A cell has three main parts. The cell membrane, cytoplasm and nucleus. Robert Hooke discovered the first cell.

2) Smooth due to lack of Ribosomes
2) Smooth endoplasmic reticulum
3) Insects have eukaryotic cell.

3) The storage of starch
The storage of lipids and proteins

4) The cell organelles are small structures scattered in the cytoplasm that work together to carry out life process.

5) A lysosome is membrane bound cell organelle that contains digestive enzymes. They also break down ~~the~~ out cell.

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1) serves the function of information storage
2) retrieval and duplication of genetic material.

3) A cell division is the process in which cell divide into 2 or more cell. It also repairs the cell of body.

8. Plasma membrane is known as selectively permeable membrane - The cell membrane is very thin layer of protein and fat. It allows only selective substance to pass through it.

9. Unicellular cell organisms are made up of one cell.

- Unicellular have small size and single cell
- Multicellular organisms are composed of more than one cell.
- Multicellular organisms contain large in size.

10. Mitochondria called powerhouse of cell because they are responsible for making adenosine triphosphate (ATP).

ATP - Adenosine triphosphate the molecule for storing and transferring energy.

11. (5 Marks)

Animal Cell	Plant Cell
1) Irregular or round in shape	1) Square and rectangular in shape
2) Centrioles and Centrosomes are present.	2) Centrioles and Centrosomes are absent.
3) Plastids are absent	3) Plastids are present.

