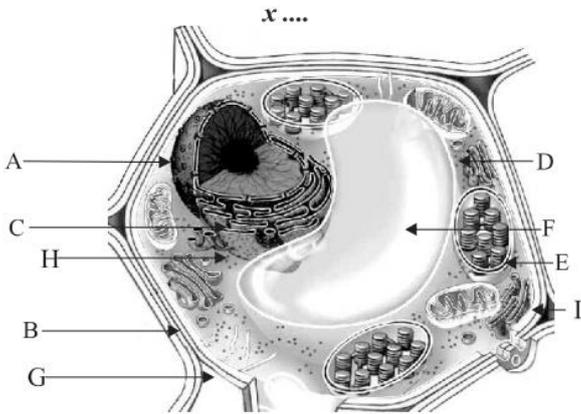




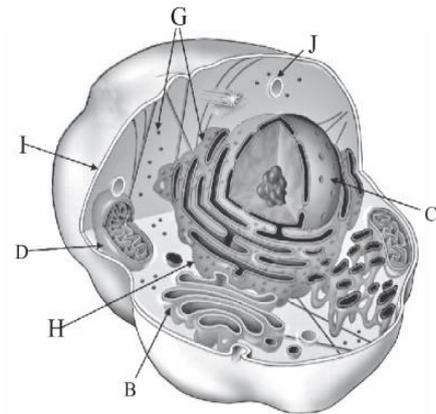
Structure and Functions of the Plant and Animal Cell

The basic building unit of life is the cell.

Plant cell is the building unit of plants and animal cell is the building unit of animals.



Plant Cell



Animal Cell

1) Complete the following table regarding the plant and animal cell (Use the information given in above diagrams).

Cell structure	Indicated Letter		Characteristics	Functions
	Plant Cell	Animal Cell		
Nucleus				
Cytoplasm				
Chloroplast				
Golgi Complex				
Vacuole				
Cell Wall				
Mitochondrion				
Ribosome				

2) Compare the differences between plant cells and animal cells.

Plant cell	Animal cell

3) Write the method used to prepare a slide to observe the structure of a plant cell under the light microscope, in five steps.

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4) Define the term "a typical cell".

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5) Write the 3 main points of the cell theory.

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6) Build 3D structures of electronic microscopic organelles of a plant cell using available resources (Clay, Rigifoam, Clothes, Cotton wool).

7) Create a poster to exhibit the structure of a typical animal cell.

8) Name a plant and animal cell that can be seen by our naked eyes.

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9) Mention five things include in the fluid of vacuole(cell sap).

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10) Name the three scientists who introduced the cell theory.

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