

1. Who observed the cell first?

2. Who introduced the cell theory?
 - I.
 - II.
 - III.

3. What are the content of the cell theory?
 - I.
 - II.
 - III.

Concept of the cell

01. What is the smallest structural and functional unit of the living body?

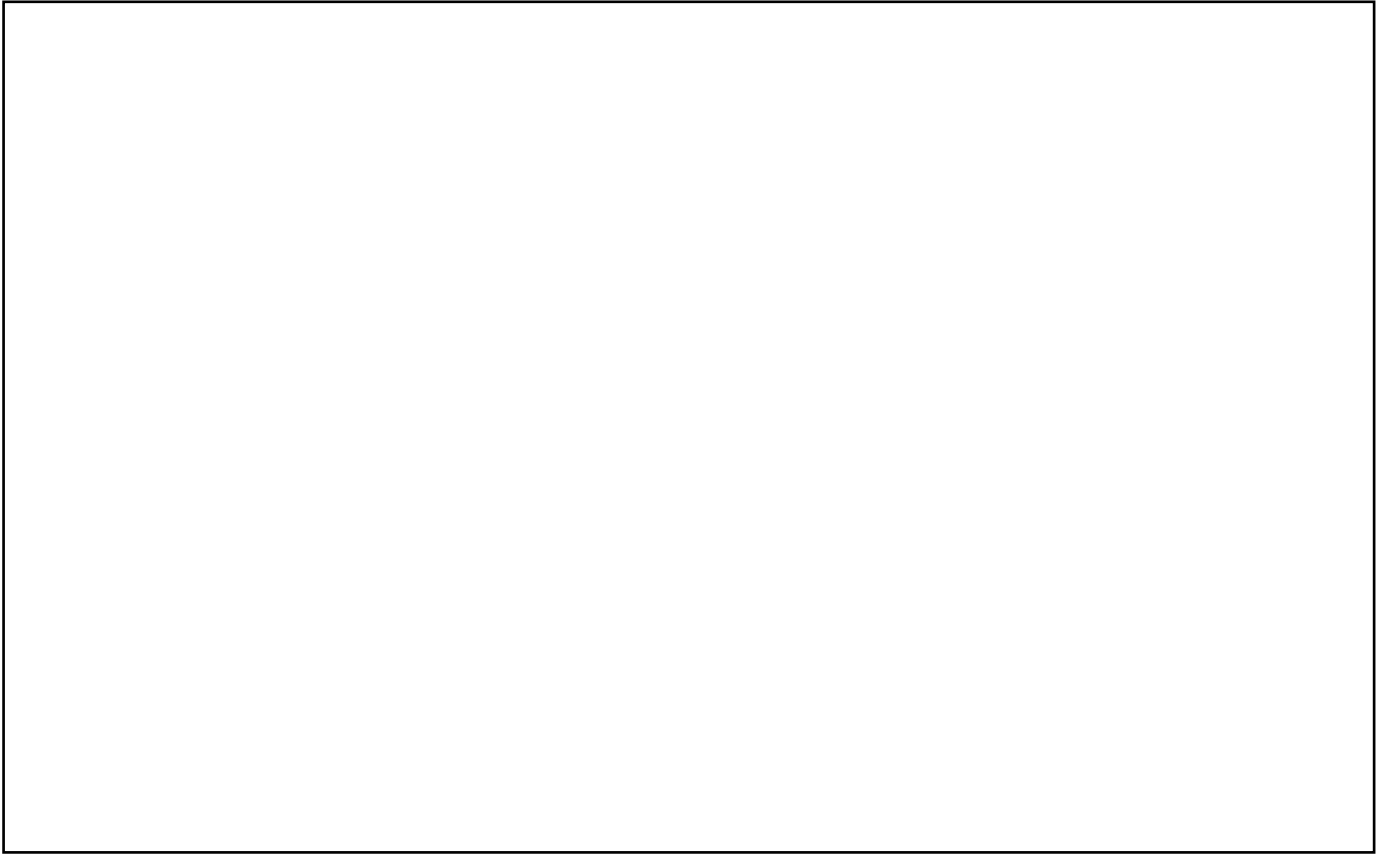
02. Describe :
 - I. Unicellular organism:
 - II. Multicellular organisms:

Structure of the cell

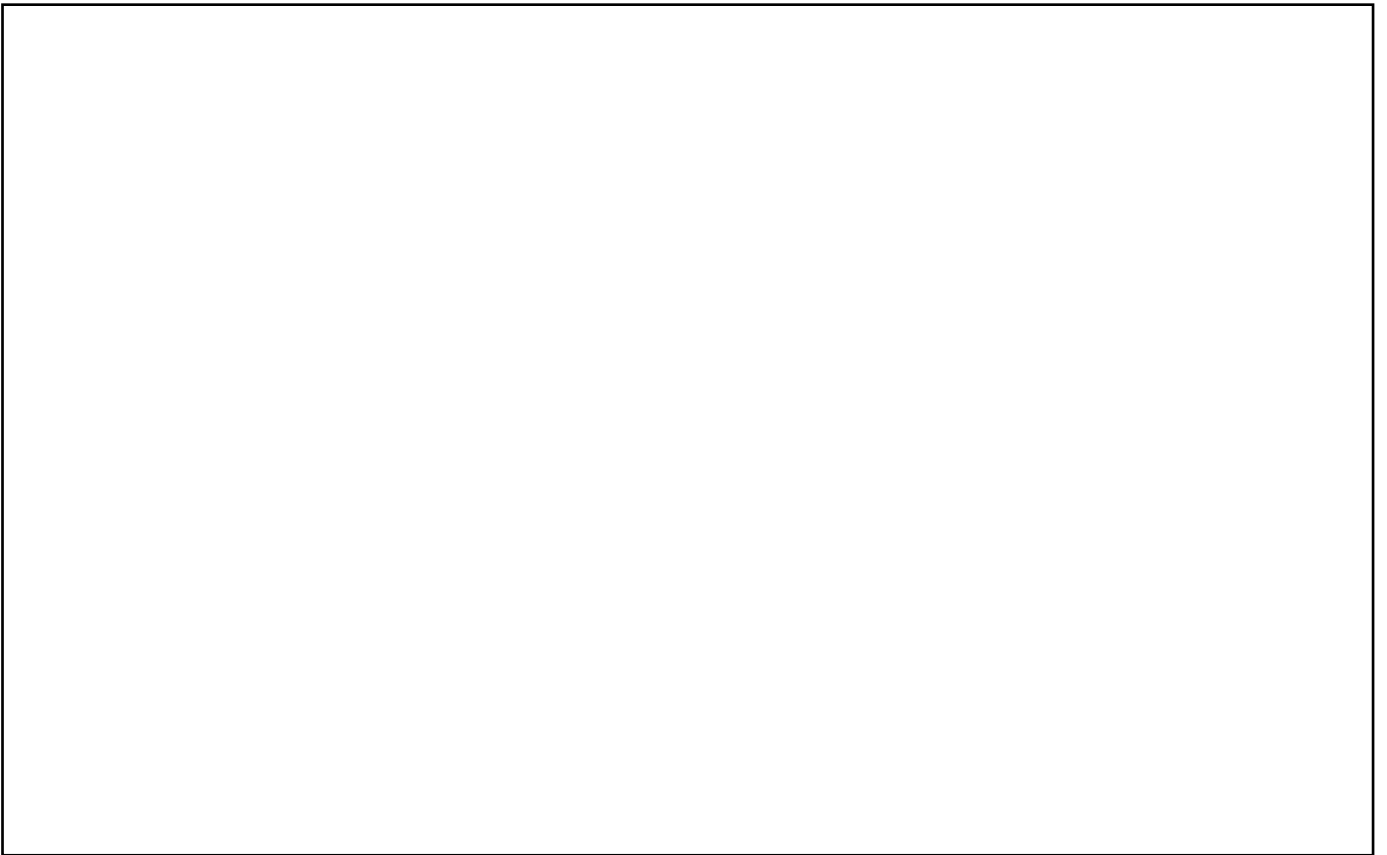
01. What are 'organelles'?

02. What is a 'typical cell' ?

03. Draw a 'typical plant cell' and 'typical animal cell' and name the parts.



Typical plant cell



Typical animal cell

04. Compare the difference between animal cell and plant cell.

	Animal cell	Plant cell
01		
02		
03		
04		

05. Describe organelles present in a typical cell.

	Organelles	Drawing	Structure	Specific Function
01	Cell wall			
02	Plasma membrane (Cell membrane)			
03	cytoplasm			
04	Nucleus			
05	Mitochondrion			

06	Golgi Complex			
07	Ribosome			
08	Endoplasmic reticulum Rough endoplasmic reticulum			
	Smooth endoplasmic reticulum			
09	Vacuole			

Cell Growth and cell Division

01. Complete

Cell Growth	Cell Division

02. What are the two main stages of cell division?

I.

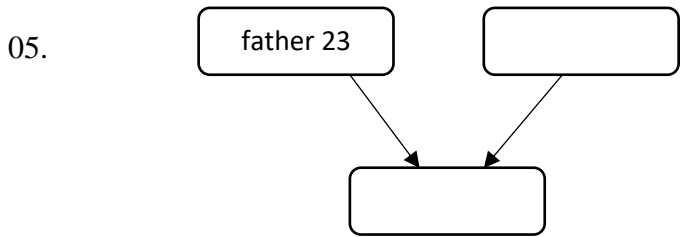
II.

03. What is a homologous pair of chromosomes?

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04. Chromosomes inherited from and



06. What are the two methods of cell division?

I.

II.

	Mitosis	Meiosis
Define		
Illustration		
No of Daughter cells		
No of chromosomes in a Daughter cell		
Significance		

07. What are the two stages of meiosis?

I.

II.

08. What is the most important phenomena in evolution related to meiosis?

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10. Compare the differences between Mitosis and Meiosis.

	Mitosis	Meiosis