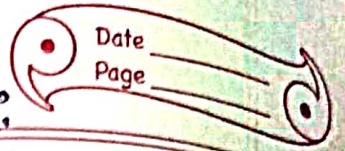


short answers questions:



3. Briefly describe the three essential parts of a cell.

A- The essential basic parts of a cell are:

- (i) cell membrane
- (ii) cytoplasm
- (iii) Nucleus

(i) cell membrane: Each cell is bound by a thin membrane. It allows only or plasma membrane. It always only selective substance to pass through it. Hence it is called a selectively permeable membrane. It is elastic in nature and enables the cell to stretch to some extent. The cell membrane is a very thin layer of protein and fat. It is the most important part of the cell as it controls the entry and exit.

of substances inside and outside the cell.

(ii) cytoplasm: The jelly like substance present in the cell is called as cytoplasm. It constitutes of about 70% of water which gives its fluidity. It consists of various organelles.

(iii) Nucleus - The nucleus is the main organelle of the cell which regulates all the activities of the cell. It consists of the genetic information called DNA.