

- circular shaped
- contains green pigment chlorophyll that traps light for photosynthesis
- main site for photosynthesis

-Vacuole

- large vacuole present in plant cell
- small temporary vacuoles may be present in animal cells
- fluid filled space used for storage purpose ; contains cell sap
- maintains firm shape of cell due to turgidity

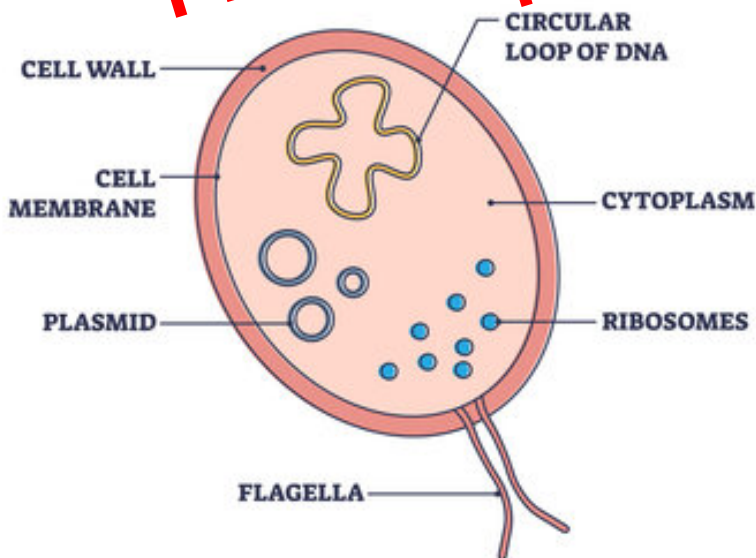
-Mitochondria:

- present in both cells
- circular or rod shaped
- powerhouse of the cell
- generates energy stored in Adenosine Triphosphate molecules (ATP)

-Ribosomes:

- present in both cells
- site of protein synthesis

1.2 Bacterial Cell Structure:



-Flagella:

- lash like appendage
- helps in movement of cell

-Plasmid: