

## cell organelles

DATE

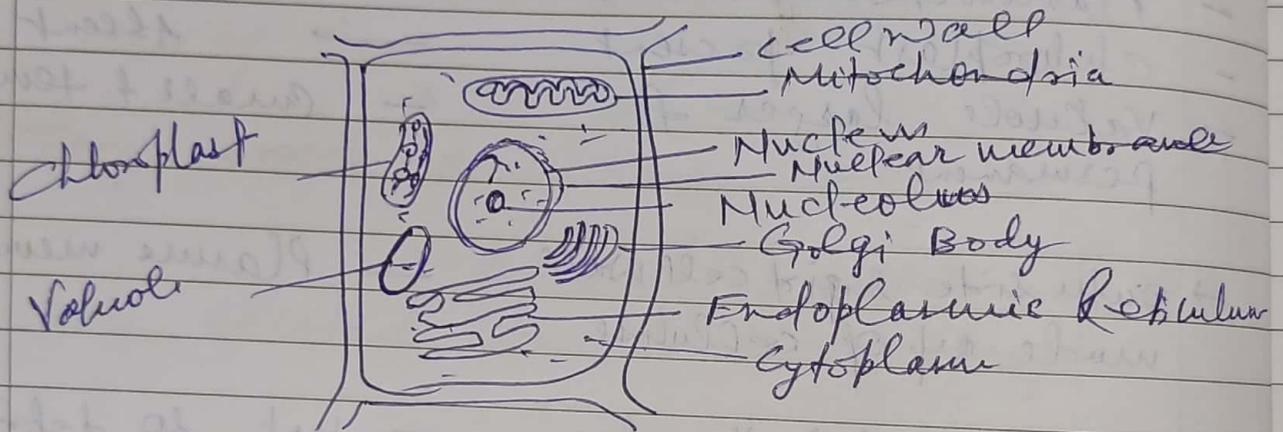
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- Living material of cell perform a particular function → Membrane Bounded Structure → self replicates
- cell inclusion

Non-living material.

Eg. — pigments, granules of Glycogen & lipid and various secondary products.

## Plant Cell



## cell organelles

- Nucleus — control
- plasma membrane
- cell wall
- Ribosome
- Mitochondria
- chloroplast
- Endoplasmic Reticulum
- Golgi body
- Vacuole
- Lysosome
- Peroxisome

classmate

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## cell inclusion

- Glycogen Granules - Store glycogen and are located near smooth endoplasmic reticulum. Glycogen is the main storage form of glucose in the cell.
- Lipid Granules - Store lipids in the form of triglycerides.
- Pigments - Common type of pigments in the body apart from Hemoglobin is melanin which is produced by skin hairs, pigment cell in retina, and nerve cell in the substantia nigra.
- Crystals - Crystal of protein produced by various organelles.
- Secondary products - Hormones, digestive enzymes, fibrous protein, mucus, etc.
- Somulaxites - Both are embedded in cytoplasm.