

Unicellular organisms are capable of
Independent existence.

performing essential functions of life.

Cell

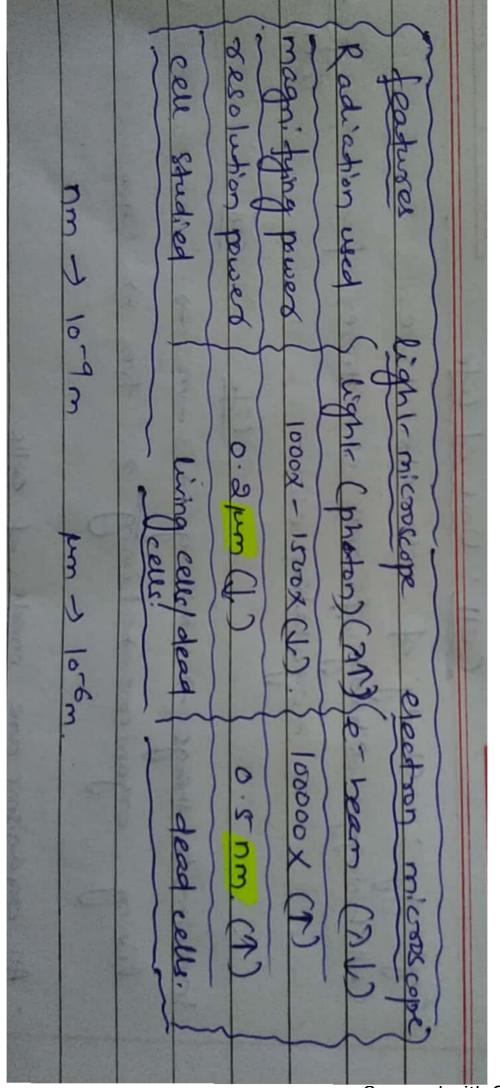
Basic unit of life.

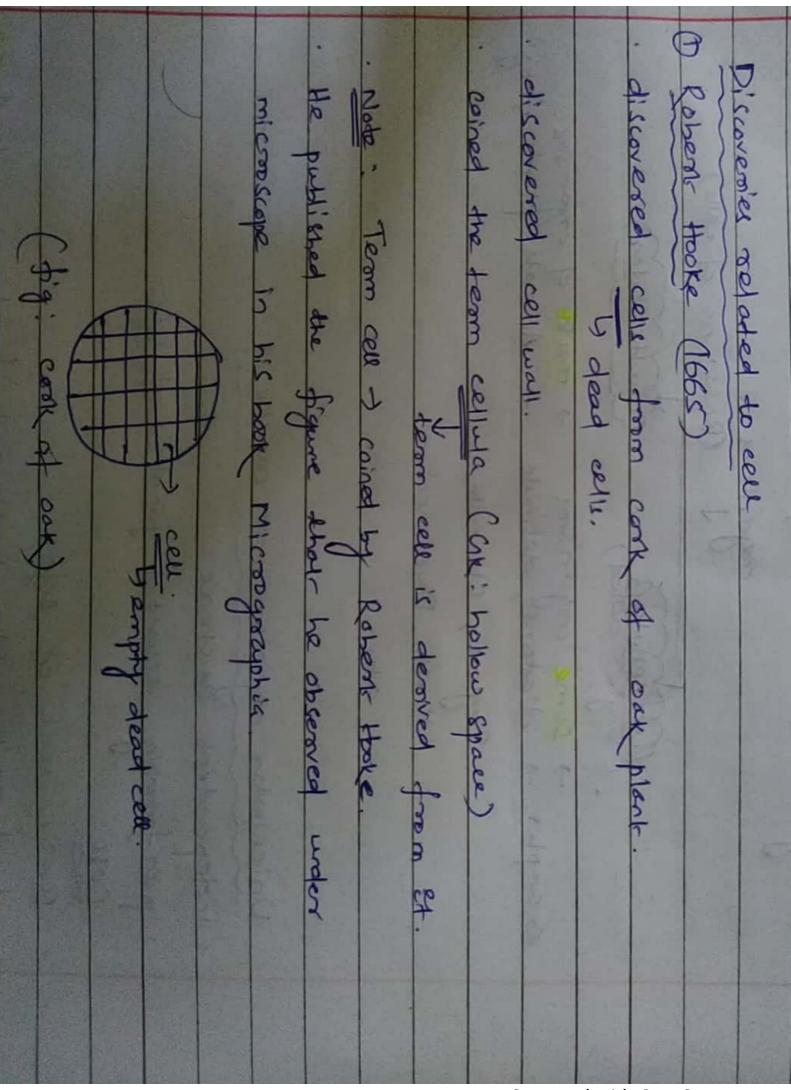
fundamental structural and functional unit of all living organisms.

Reason

Anything less than a complete structure of cell does not ensure independent living.

Invention of microscope and Ets improvement leading to electron microscope revealed all the destailed structure of cells.

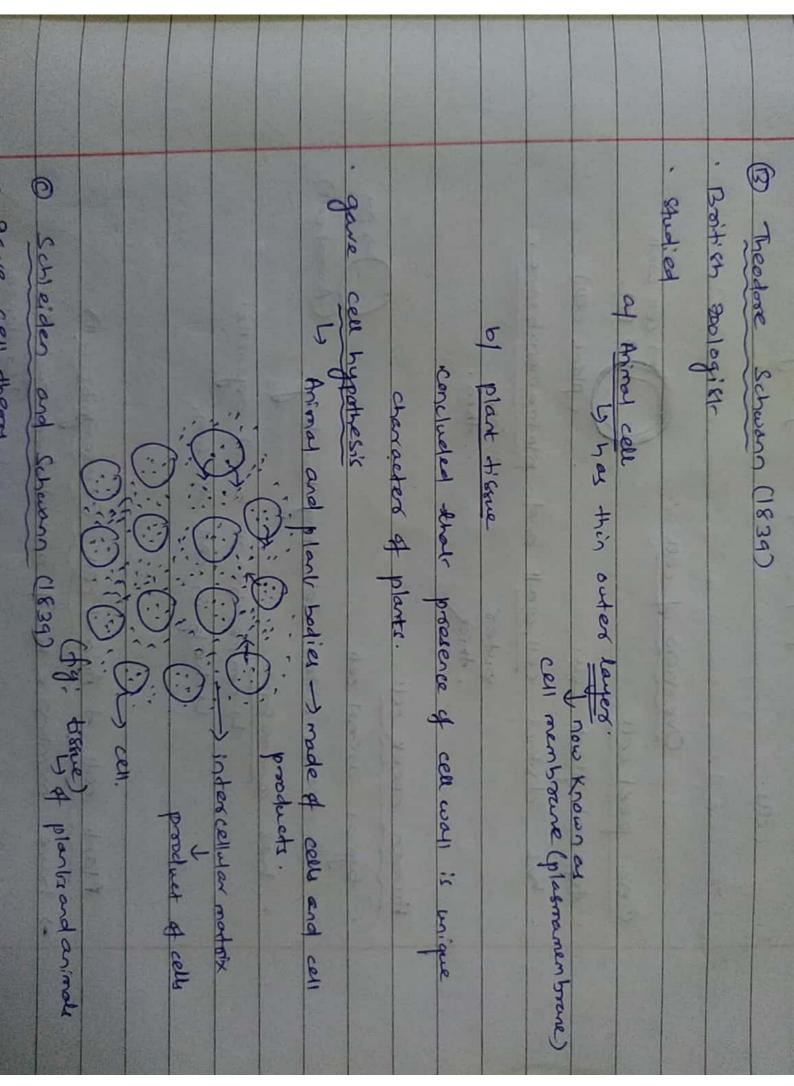




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M. Robert Boson discovered nucleus.	Speamatospa, etc.	- Jex: Bacteria protozoa RBC	-> Capable of moving	. 181- person to see and describe a living cell	1 Anton Von Leeuwenhoek	THE REPORT OF THE PARTY OF THE
		RBC.		Soor	nned v	vith (

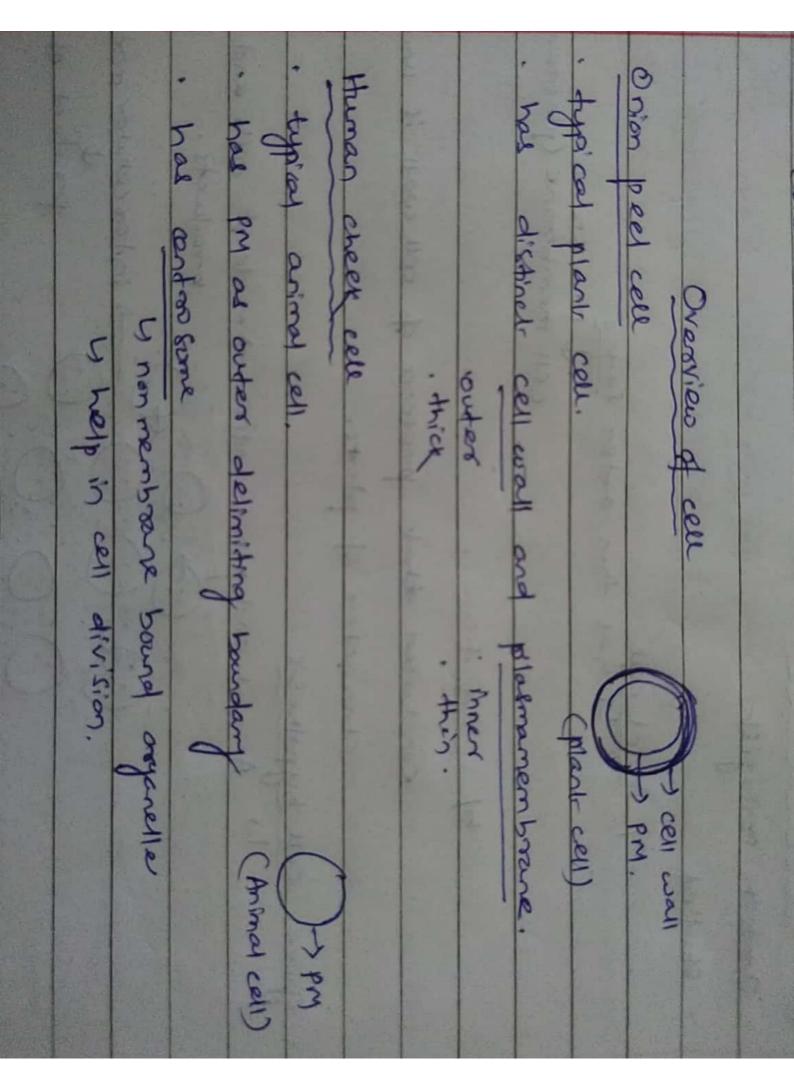
E 3	plant tissue	
per of cellu	polo all plants are made of different types	· Studied a large no. of plants are
	(1838)	Gleaman Botavistr. (1838)
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proc-existing cell division 4 amnis cellula e cellula language)	- 2	develop (amise)	O Schleiden and Schevann (1839) "I" would be plantisand animale
	CAN WESTER STREET	Sca	anned with Car

to cell theory. The of living organisms but its lacks Scanned with	All organisms are made of c. All organisms are made of c. All organisms are develop (arrive) from Nimes is an exception to cell of Virous has some properties of c. Cells.
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	by processor in cytoplasm, on outer nuclear membrane, on RER, in mits chantar of plassists.	have membrane bound organelles (eine ER, GIS, Bysosome, mitochondos)	ds DNA. (: is general contain charmosomes)	- have membraine bound well defined nucleus had I H dense	Plank cell + Animal cell (Contamptic cell)
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Postcarpotic celle The membrane bound organilles -ve. The Ribosomes of Tos type. Cytoplasm the Cytoplasm the Various reactions take place in cytoplasm that keeps a cell in living state.

mesophyll cell of gound, and	tracheid -> elongated.	nerove cell (neuroon) I long, browned	Columnar apithelial cell -> long, narrow.	WBC > amoeboid	RBC -) Blund, biconcave	· Examples:	like, over irregular, et.	may be discoid like, polygonal, cubidal, columnar, through	. may depend upon function performed by cell.	(A) Shape of cells	Shape, Size and activities of cells -> greatly vary from cell to cell.
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Rec - transport of grants of antibodies. Plasma cell -) production of antibodies. Transport of grants of antibodies. Transport of grants of antibodies. Transport of grants of antibodies.	
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