FULL MARKS 25

(www.anindyas.in) TIME 1:00 HRS MCQs: The Fundamental Unit of Life 1. Who discovered cells? A. Leeuwenhoek B. Robert Brown C. Robert Hooke V D. Schwann 2. What is the basic structural and functional unit of life? B. Molecule C. Tissue D. Cell 🗸 3. The term "cell" was first used by: A. Virchow B. Hooke C. Schleiden D. Brown 4. Cell wall is found in: B. Plant cells V A. Animal cells C. Bacteria only D. Virus 5. The jelly-like fluid inside a cell is called: A. Nucleus B. Cytoplasm V C. Protoplasm D. Vacuole 6. Which structure controls the entry and exit of substances in a cell? A. Cell wall B. Cytoplasm C. Nucleus D. Plasma membrane 🗸 7. Which organelle is known as the powerhouse of the cell? A. Nucleus B. Lysosome C. Mitochondria 🔽 D. Ribosome 8. Which organelle contains chlorophyll? A. Mitochondria B. Ribosome C. Golgi apparatus D. Chloroplast **V** 9. Which cell organelle is called the 'suicide bag'? A. Nucleus B. Mitochondria C. Lysosome 🗸 D. Plastid 10. What is the function of ribosomes? A. Photosynthesis B. Respiration C. Protein synthesis 🗸 D. Digestion 11. The largest cell organelle in a plant cell is: A. Mitochondria B. Nucleus C. Vacuole **V** D. Plastid 12. Which structure contains DNA? A. Cytoplasm B. Ribosomes C. Nucleus 🔽 D. Cell wall 13. Osmosis is: A. Movement of air B. Movement of water through membrane C. Movement of glucose D. Movement of protein 14. The function of Golgi apparatus is: A. Protein synthesis B. Energy production C. Modification and packaging \(\overline{\cupsilon} \) D. Photosynthesis 15. Which cell organelle detoxifies poisons in liver cells? B. SER 🗸 C. RER D. Plastids A. Lysosome 16. Which organelle is double membrane bound and has its own DNA? A. Ribosome B. Golgi body C. Mitochondria 🗸 D. Endoplasmic Reticulum 17. Plasmolysis is observed when a cell is placed in: B. Hypotonic solution A. Isotonic solution D. Pure water C. Hypertonic solution **V** 18. A selectively permeable membrane: A. Allows all substances B. Blocks all substances C. Allows only water D. Allows selective substances 19. DNA is mainly present in: A. Cytoplasm B. Nucleus 🗸 C. Cell wall D. Plasma membrane 20. Which of the following are prokaryotes? A. Plants B. Animals C. Bacteria 🗸 D. Fungi 21. Chromosomes become visible during:

22. The network of tubules inside the cytoplasm is:
A. Golgi apparatus
B. ER ✓
C. Lysosome
D. Ribosome

D. Protein synthesis

A. Resting phase B. Cell death

C. Cell division

	Mitosis results in:	_
	A. 4 cells	B. 2 identical cells
	C. 1 cell	D. Death
24.	Meiosis results in:	
	A. 2 cells	B. Identical cells
	C. 4 haploid cells V	D. 8 cells
25.		not found in prokaryotic cells?
	A. Ribosomes	B. Plasma membrane
	C. Nucleoid	D. Nucleus 🗸
26.	Plant cells can withstand h	aypotonic solutions because of:
	A. Cytoplasm	B. Cell membrane
	C. Cell wall	D. Chloroplast
27.	The nucleus is surrounded	
	A. Plasma membrane	B. ER
	C. Nuclear membrane 🗸	
28.	The green color of plants i	
	A. Mitochondria	B. Chloroplast 🗸
	C. Vacuole	D. Cell wall
29.	Vacuoles store:	
	A. Enzymes only	B. Cell sap 🗸
	C. Glucose only	D. Hormones only
30	Function of cell wall is:	_,,
	A. Respiration	B. Storage
	C. Protection and structure	
31.		prokaryotes and eukaryotes?
01.	A. Nucleus	B. ER
	C. Ribosomes 🗸	D. Mitochondria
32	In Amoeba, food is engulf	
J	A. Osmosis	B. Endocytosis 🗸
	C. Diffusion	D. Active transport
33	A cell shrinks when placed	-
00.	A. Distilled water	B. Hypotonic solution
	C. Isotonic solution	D. Hypertonic solution 🗸
34.	The outermost layer in an	
<i>.</i>	A. Cell wall	B. Plasma membrane 🗸
	C. Cytoplasm	
	C. CVIODIASIII	D. Nucleus
35.		D. Nucleus
35.	Genes are part of:	B. ER
35.	Genes are part of: A. Ribosomes	B. ER
	Genes are part of: A. Ribosomes C. Chromosomes	
	Genes are part of: A. Ribosomes C. Chromosomes ATP is produced in:	B. ER D. Mitochondria
	Genes are part of: A. Ribosomes C. Chromosomes ATP is produced in: A. Chloroplast	B. ER D. Mitochondria B. Golgi apparatus
36.	Genes are part of: A. Ribosomes C. Chromosomes ATP is produced in: A. Chloroplast C. Mitochondria	B. ER D. Mitochondria B. Golgi apparatus D. Ribosome
36.	Genes are part of: A. Ribosomes C. Chromosomes ATP is produced in: A. Chloroplast C. Mitochondria The function of leucoplast	B. ER D. Mitochondria B. Golgi apparatus D. Ribosome s is:
36.	Genes are part of: A. Ribosomes C. Chromosomes ATP is produced in: A. Chloroplast C. Mitochondria The function of leucoplast A. Photosynthesis	B. ER D. Mitochondria B. Golgi apparatus D. Ribosome s is: B. Storage
36. 37.	Genes are part of: A. Ribosomes C. Chromosomes ATP is produced in: A. Chloroplast C. Mitochondria The function of leucoplast A. Photosynthesis C. Respiration	B. ER D. Mitochondria B. Golgi apparatus D. Ribosome s is: B. Storage D. Digestion
36. 37.	Genes are part of: A. Ribosomes C. Chromosomes ATP is produced in: A. Chloroplast C. Mitochondria The function of leucoplast A. Photosynthesis C. Respiration	B. ER D. Mitochondria B. Golgi apparatus D. Ribosome s is: B. Storage
36. 37.	Genes are part of: A. Ribosomes C. Chromosomes ATP is produced in: A. Chloroplast C. Mitochondria The function of leucoplast A. Photosynthesis C. Respiration Which of the following is A. Ribosome	B. ER D. Mitochondria B. Golgi apparatus D. Ribosome s is: B. Storage D. Digestion a membrane-bound organelle? B. Nucleoid
36.37.38.	Genes are part of: A. Ribosomes C. Chromosomes ATP is produced in: A. Chloroplast C. Mitochondria The function of leucoplast A. Photosynthesis C. Respiration Which of the following is A. Ribosome C. Mitochondria	B. ER D. Mitochondria B. Golgi apparatus D. Ribosome s is: B. Storage D. Digestion a membrane-bound organelle?
36.37.38.	Genes are part of: A. Ribosomes C. Chromosomes ATP is produced in: A. Chloroplast C. Mitochondria The function of leucoplast A. Photosynthesis C. Respiration Which of the following is A. Ribosome C. Mitochondria Chromatin is found in:	B. ER D. Mitochondria B. Golgi apparatus D. Ribosome s is: B. Storage D. Digestion a membrane-bound organelle? B. Nucleoid D. Chromatin
36.37.38.	Genes are part of: A. Ribosomes C. Chromosomes ATP is produced in: A. Chloroplast C. Mitochondria The function of leucoplast A. Photosynthesis C. Respiration Which of the following is A. Ribosome C. Mitochondria Chromatin is found in: A. Cytoplasm	B. ER D. Mitochondria B. Golgi apparatus D. Ribosome s is: B. Storage D. Digestion a membrane-bound organelle? B. Nucleoid
36.37.38.39.	Genes are part of: A. Ribosomes C. Chromosomes ATP is produced in: A. Chloroplast C. Mitochondria The function of leucoplast A. Photosynthesis C. Respiration Which of the following is A. Ribosome C. Mitochondria Chromatin is found in: A. Cytoplasm C. Golgi	B. ER D. Mitochondria B. Golgi apparatus D. Ribosome s is: B. Storage D. Digestion a membrane-bound organelle? B. Nucleoid D. Chromatin B. Nucleus
36.37.38.39.	Genes are part of: A. Ribosomes C. Chromosomes ATP is produced in: A. Chloroplast C. Mitochondria The function of leucoplast A. Photosynthesis C. Respiration Which of the following is A. Ribosome C. Mitochondria Chromatin is found in: A. Cytoplasm	B. ER D. Mitochondria B. Golgi apparatus D. Ribosome s is: B. Storage D. Digestion a membrane-bound organelle? B. Nucleoid D. Chromatin B. Nucleus D. ER
36.37.38.39.	Genes are part of: A. Ribosomes C. Chromosomes ATP is produced in: A. Chloroplast C. Mitochondria The function of leucoplast A. Photosynthesis C. Respiration Which of the following is A. Ribosome C. Mitochondria Chromatin is found in: A. Cytoplasm C. Golgi Cell theory was given by:	B. ER D. Mitochondria B. Golgi apparatus D. Ribosome s is: B. Storage D. Digestion a membrane-bound organelle? B. Nucleoid D. Chromatin B. Nucleus D. ER B. Schleiden and Schwann
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36.37.38.39.40.	Genes are part of: A. Ribosomes C. Chromosomes ATP is produced in: A. Chloroplast C. Mitochondria The function of leucoplast A. Photosynthesis C. Respiration Which of the following is A. Ribosome C. Mitochondria Chromatin is found in: A. Cytoplasm C. Golgi Cell theory was given by: A. Hooke and Brown C. Darwin and Lamarck Which structure is involve A. Ribosome	B. ER D. Mitochondria B. Golgi apparatus D. Ribosome s is: B. Storage D. Digestion a membrane-bound organelle? B. Nucleoid D. Chromatin B. Nucleus D. ER B. Schleiden and Schwann D. Watson and Crick d in membrane biogenesis? B. SER
36.37.38.39.40.41.	Genes are part of: A. Ribosomes C. Chromosomes C. Chromosomes ATP is produced in: A. Chloroplast C. Mitochondria The function of leucoplast A. Photosynthesis C. Respiration Which of the following is A. Ribosome C. Mitochondria Chromatin is found in: A. Cytoplasm C. Golgi Cell theory was given by: A. Hooke and Brown C. Darwin and Lamarck Which structure is involve A. Ribosome C. RER	B. ER D. Mitochondria B. Golgi apparatus D. Ribosome s is: B. Storage D. Digestion a membrane-bound organelle? B. Nucleoid D. Chromatin B. Nucleus D. ER B. Schleiden and Schwann D. Watson and Crick d in membrane biogenesis? B. SER D. Golgi
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36.37.38.39.40.41.42.	Genes are part of: A. Ribosomes C. Chromosomes C. Chromosomes C. Chromosomes ATP is produced in: A. Chloroplast C. Mitochondria The function of leucoplast A. Photosynthesis C. Respiration Which of the following is A. Ribosome C. Mitochondria Chromatin is found in: A. Cytoplasm C. Golgi Cell theory was given by: A. Hooke and Brown C. Darwin and Lamarck Which structure is involve A. Ribosome C. RER Which of these are not fou A. Mitochondria C. Plastids	B. ER D. Mitochondria B. Golgi apparatus D. Ribosome s is: B. Storage D. Digestion a membrane-bound organelle? B. Nucleoid D. Chromatin B. Nucleus D. ER B. Schleiden and Schwann D. Watson and Crick d in membrane biogenesis? B. SER D. Golgi and in animal cells?
36.37.38.39.40.41.42.	Genes are part of: A. Ribosomes C. Chromosomes C. Chromosomes C. Chromosomes ATP is produced in: A. Chloroplast C. Mitochondria The function of leucoplast A. Photosynthesis C. Respiration Which of the following is A. Ribosome C. Mitochondria Chromatin is found in: A. Cytoplasm C. Golgi Cell theory was given by: A. Hooke and Brown C. Darwin and Lamarck Which structure is involve A. Ribosome C. RER Which of these are not fou A. Mitochondria C. Plastids Cell sap is found in:	B. ER D. Mitochondria B. Golgi apparatus D. Ribosome s is: B. Storage D. Digestion a membrane-bound organelle? B. Nucleoid D. Chromatin B. Nucleus D. ER B. Schleiden and Schwann D. Watson and Crick d in membrane biogenesis? B. SER D. Golgi and in animal cells? B. Vacuoles D. Ribosomes
36.37.38.39.40.41.42.	Genes are part of: A. Ribosomes C. Chromosomes C. Chromosomes C. Chromosomes ATP is produced in: A. Chloroplast C. Mitochondria The function of leucoplast A. Photosynthesis C. Respiration Which of the following is A. Ribosome C. Mitochondria Chromatin is found in: A. Cytoplasm C. Golgi Cell theory was given by: A. Hooke and Brown C. Darwin and Lamarck Which structure is involve A. Ribosome C. RER Which of these are not fou A. Mitochondria C. Plastids	B. ER D. Mitochondria B. Golgi apparatus D. Ribosome s is: B. Storage D. Digestion a membrane-bound organelle? B. Nucleoid D. Chromatin B. Nucleus D. ER B. Schleiden and Schwann D. Watson and Crick d in membrane biogenesis? B. SER D. Golgi und in animal cells? B. Vacuoles D. Ribosomes B. Cytoplasm
36.37.38.40.41.42.43.	Genes are part of: A. Ribosomes C. Chromosomes C. Chromosomes C. Chromosomes ATP is produced in: A. Chloroplast C. Mitochondria The function of leucoplast A. Photosynthesis C. Respiration Which of the following is A. Ribosome C. Mitochondria Chromatin is found in: A. Cytoplasm C. Golgi Cell theory was given by: A. Hooke and Brown C. Darwin and Lamarck Which structure is involve A. Ribosome C. RER Which of these are not found A. Mitochondria C. Plastids Cell sap is found in: A. Nucleus C. Mitochondria	B. ER D. Mitochondria B. Golgi apparatus D. Ribosome s is: B. Storage D. Digestion a membrane-bound organelle? B. Nucleoid D. Chromatin B. Nucleus D. ER B. Schleiden and Schwann D. Watson and Crick d in membrane biogenesis? B. SER D. Golgi and in animal cells? B. Vacuoles D. Ribosomes B. Cytoplasm D. Vacuole
36.37.38.40.41.42.43.	Genes are part of: A. Ribosomes C. Chromosomes C. Chromosomes C. Chromosomes ATP is produced in: A. Chloroplast C. Mitochondria The function of leucoplast A. Photosynthesis C. Respiration Which of the following is A. Ribosome C. Mitochondria Chromatin is found in: A. Cytoplasm C. Golgi Cell theory was given by: A. Hooke and Brown C. Darwin and Lamarck Which structure is involve A. Ribosome C. RER Which of these are not fou A. Mitochondria C. Plastids Cell sap is found in: A. Nucleus C. Mitochondria Organisms with undefined	B. ER D. Mitochondria B. Golgi apparatus D. Ribosome s is: B. Storage D. Digestion a membrane-bound organelle? B. Nucleoid D. Chromatin B. Nucleus D. ER B. Schleiden and Schwann D. Watson and Crick d in membrane biogenesis? B. SER D. Golgi and in animal cells? B. Vacuoles D. Ribosomes B. Cytoplasm D. Vacuole Inucleus are:
36.37.38.40.41.42.43.	Genes are part of: A. Ribosomes C. Chromosomes C. Chromosomes C. Chromosomes ATP is produced in: A. Chloroplast C. Mitochondria The function of leucoplast A. Photosynthesis C. Respiration Which of the following is A. Ribosome C. Mitochondria Chromatin is found in: A. Cytoplasm C. Golgi Cell theory was given by: A. Hooke and Brown C. Darwin and Lamarck Which structure is involve A. Ribosome C. RER Which of these are not found A. Mitochondria C. Plastids Cell sap is found in: A. Nucleus C. Mitochondria	B. ER D. Mitochondria B. Golgi apparatus D. Ribosome s is: B. Storage D. Digestion a membrane-bound organelle? B. Nucleoid D. Chromatin B. Nucleus D. ER B. Schleiden and Schwann D. Watson and Crick d in membrane biogenesis? B. SER D. Golgi and in animal cells? B. Vacuoles D. Ribosomes B. Cytoplasm D. Vacuole
36.37.38.40.41.42.43.44.	Genes are part of: A. Ribosomes C. Chromosomes C. Chromosomes C. Chromosomes ATP is produced in: A. Chloroplast C. Mitochondria The function of leucoplast A. Photosynthesis C. Respiration Which of the following is A. Ribosome C. Mitochondria Chromatin is found in: A. Cytoplasm C. Golgi Cell theory was given by: A. Hooke and Brown C. Darwin and Lamarck Which structure is involve A. Ribosome C. RER Which of these are not fou A. Mitochondria C. Plastids Cell sap is found in: A. Nucleus C. Mitochondria Organisms with undefined A. Prokaryotes	B. ER D. Mitochondria B. Golgi apparatus D. Ribosome s is: B. Storage D. Digestion a membrane-bound organelle? B. Nucleoid D. Chromatin B. Nucleus D. ER B. Schleiden and Schwann D. Watson and Crick d in membrane biogenesis? B. SER D. Golgi and in animal cells? B. Vacuoles D. Ribosomes B. Cytoplasm D. Vacuole Inucleus are: B. Eukaryotes D. Plants
36.37.38.40.41.42.43.44.	Genes are part of: A. Ribosomes C. Chromosomes C. Chromosomes C. Chromosomes C. Chromosomes C. Chromosomes C. Mitochondria C. Mitochondria The function of leucoplast A. Photosynthesis C. Respiration Which of the following is A. Ribosome C. Mitochondria Chromatin is found in: A. Cytoplasm C. Golgi Cell theory was given by: A. Hooke and Brown C. Darwin and Lamarck Which structure is involve A. Ribosome C. RER Which of these are not fou A. Mitochondria C. Plastids Cell sap is found in: A. Nucleus C. Mitochondria Organisms with undefined A. Prokaryotes C. Unicellular	B. ER D. Mitochondria B. Golgi apparatus D. Ribosome s is: B. Storage D. Digestion a membrane-bound organelle? B. Nucleoid D. Chromatin B. Nucleus D. ER B. Schleiden and Schwann D. Watson and Crick d in membrane biogenesis? B. SER D. Golgi and in animal cells? B. Vacuoles D. Ribosomes B. Cytoplasm D. Vacuole Inucleus are: B. Eukaryotes D. Plants

16	The function of chromosor	nec ic:
40.		
	A. Respiration	B. Inheritance of traits
47		D. Storage
4/.	In which organelle are dige	
		B. Lysosomes 🗸
		D. Ribosomes
48.	The number of chromoson	
	A. Doubles	B. Remains the same 🗸
	C. Becomes half	D. Triples
49.	Plant vacuole is filled with	:
	A. Enzymes	B. Hormones
	C. Cell sap 🗸	D. Water only
50.	Cell division that forms ga	
	_	B. Cytokinesis
	C. Meiosis 🗸	D. Budding
51	Which organelle helps in in	
01.		B. Mitochondria
	C. Endoplasmic Reticulum	
52	Which solution will cause	
32.		B. Isotonic
		D. Saturated
52		
33.	The unit used to measure of	
<i>-</i> 1	A. mm B. cm C. µm (n	
54.	Which of the following has	
		B. Animal cell
		D. Bacterial cell 🔽
55.	Methylene blue is used for	•
	0	B. Movement
		D. Staining cells
56.	The process of engulfing for	ood in Amoeba is:
	A. Diffusion	B. Endocytosis 🗸
	C. Osmosis	D. Phagocytosis
57.	A cell that lacks mitochone	dria is:
	A. Human skin cell	B. Paramoecium
	C. Bacterial cell 🔽	D. Algal cell
58.	Which cell organelle helps	in cell division in animal cells?
	A. Centrosome 🗸	B. Vacuole
		D. Plastid
59.	The process by which a ce	ll divides into two identical daughter cells is:
		B. Fertilization
	5	D. Budding
60	Which structure gives rigio	<u>e</u>
		B. Cell wall 🗸
		D. Cytoplasm
61	Which part of the cell is re	
01.	-	B. Golgi body
		D. Cytoplasm
62	What is the function of a fe	
02.		B. Photosynthesis
		D. Respiration
62	Which cell part helps in pr	
05.		
		B. Ribosome V
<i>(</i> 1	0 3	D. Mitochondria
64.	Which pigment is present in	
		B. Chlorophyll 🗸
	= : : : : : : : : : : : : : : : : : : :	D. Melanin
65.	Which is the outermost bo	
		B. Cell membrane
		D. Chloroplast
66.		ed in packaging and secretion?
		B. Golgi apparatus 🗸
	3	D. Mitochondria
67.	Which of the following cel	lls is spherical and lacks chloroplasts?
	A. Guard cell	B. Onion cell
	C. Human cheek cell 🔽	
68.	The nucleus of a prokaryot	
		B. Poorly defined <a>V
		D. Surrounded by a nuclear membrane

69.	The main function of the n	nucleus is:
	A. Respiration	B. Digestion
		D. Control of cell activities
70.	The plant organelle storing	
	A. Chromoplast	B. Chloroplast
7.1	C. Leucoplast 🔽	D. Ribosome
/1.	A cell placed in salt solution	
	-	B. Active transport
72	C. Endocytosis The outer membrane of many	D. Osmosis V
12.	A. Rigid	B. Porous
	C. Smooth	D. Pigmented
73.	What structure connects th	2
	A. Ribosome	B. Plasma membrane
	C. Nuclear pore 🗸	D. Cell wall
74.	In plant cells, what stores	dissolved sugars and salts?
		B. Vacuole 🗸
	C. Nucleus	D. Plastid
75.	The hereditary material Di	
	A. Mitochondria only	
76	C. Nucleus	D. Vacuole
70.	In which process does a ce A. Plasmolysis	B. Photosynthesis
		D. Respiration
77		zymes for breaking down waste?
, , .	A. Mitochondria	B. ER
	C. Golgi body	D. Lysosomes 🗸
78.	Which structure performs	
		B. Ribosome
		D. Nucleus
79.	Double-membraned organ	
		B. Mitochondria 🗸
00	c. Zjoodellieb	D. Centrosomes
80.	What is the function of SE A. Protein synthesis	B. Lipid synthesis 🗸
	•	D. Cell division
81	The discovery of the nucle	
01.	A. Hooke	B. Schwann
	C. Brown 🗸	D. Schleiden
82.	Cell organelle with green	pigment is:
	A. Ribosome	B. Chloroplast 🔽
	C. Golgi	D. Vacuole
83.	The internal fluid of a cell	
	A. Stroma	B. Cytoplasm 🗸
0.4	C. Matrix	D. Sap
84.	Which of the following is A. Nucleus	
	C. Lysosome	B. Ribosome D. Mitochondria
85	Chromatin material conde	
05.	A. ER	B. Golgi
	C. Ribosome	D. Chromosomes 🗸
86.	Which of the following co	
	A. Chloroplast	B. Lysosomes 🗸
	C. Ribosome	D. Golgi
87.	The function of nucleoid is	
	A. Photosynthesis	
	C. DNA storage in prokary	
88.	Which of the following ha	
	A. Amoeba	B. Paramoecium
90	C. Onion cell	D. White blood cell
07.	Which organelle plays a ro A. RER	B. SER 🗸
	C. Golgi	D. Lysosome
90		os maintain internal pressure?
70.	A. Cytoplasm	B. ER
	C. Vacuole 🗸	D. Nucleus
91.	The living substance insid-	e a cell is:
	A. Protoplasm 🗸	B. Cell sap
	C. Matrix	D. Lumen

92.	. The genetic material in prokaryotes is:		
		B. DNA in cytoplasm 🗸	
	C. RNA in mitochondria	D. Protein in ER	
93.	Which cell organelle is pro	esent only in animal cells?	
	A. Cell wall	B. Centriole 	
	C. Plastid	D. Chloroplast	
94.	The colorless plastids that store starch are:		
	A. Chloroplasts	B. Leucoplasts 🔽	
		D. Vacuoles	
95.	5. What protects the nucleus?		
	A. Plasma membrane	B. Nuclear membrane 🗸	
	C. Cytoplasm	z. meesemes	
96.	6. What is the function of chromoplasts?		
	A. Provide color 🔽		
	C. Storage	D. Digestion	
97.	. Proteins and lipids for membranes are made in:		
	A. Golgi	B. Lysosomes	
	C. ER 🗸	D. Ribosomes only	
98.	. Cells are discovered in which material?		
	A. Onion	B. Cork 🗸	
	C. Potato	D. Leaf	
99.	. Which scientist coined the term "protoplasm"?		
	A. Hooke	B. Brown	
	C. Purkinje 🔽	D. Schleiden	
100	.Electron microscopes are		
	A. View planets	2	
	C. Read chromosomes	D. Study genes	