Name:		KEY	Block:	Date: _	
		Bio	ology 12 - The	Cell	
form. L	Jse your ow	n words. Paraphras		extbook definitions. D	owing organelles. Use poin O NOT copy any definition o nelle.
SEE NOTES					orms barrier with outside
	2.	cell wall: structural	support in plant cells	S.	
	3.	centriole: in animai	ls, function in cell divi	ision	
		into glucose	•		t turn light, CO ₂ and H ₂ O
	5.	chromosome: pack	kaging of DNA in nuc	leus. Functions in c	ell division
		or used in locomot	ion.	, , ,	ronchi and kidney tubules)
	7.	cytoskeleton: inter anchor organelles.	nal framework of m.	t. and m.f. that mo	ve substances in cell and
	8.	flagella: used for lo	comotion in sperm c	ells and some single	celled organisms
		Golgi body: for pact outside the cell.	ckaging, modification	, secretion of substa	nces for export inside and
	10.	lysosomes: conta autodigestion	in hydrolytic enzyi	mes for digesting	foods, destroy wastes,
	11.	microfilament: fibro and anchoring.	ous protein filaments	used for structural s	support (e.g. cytoskeleton)
	12.	microtubule: tubes	of protein monomers	s used in cilia, flagell	a, cytoskeleton
	13.	mitochondria: mak and ATP	e energy for the cel	I by converting O_2	and glucose to CO ₂ , H ₂ O
	14.	nucleolus: site of ri	RNA production and	ribosomal subunit as	sembly in nucleus.
	15.	nucleus: contains	DNA, controls cell ac	ctivities including cell	division.
		plastids: pigment of famous plastid is the		n plants that function	n in photosynthesis. Most
		ribosome: site of p			
	18.		c reticulum: anchors		in synthesis, accepts and aratus
	19.	smooth endoplasn	nic reticulum: <i>lipid sy</i>	nthesis, modification	1

Part B: Mix and Match! Each definition has only one correct matching answer

G	1.	internal framework that anchors organelles, gives shape	A)	cell membrane
L	2.	cellular "ropes" made of repeating units of the protein actin	B)	cell wall
K	3.	hollow tubes for transport, movement, made of actin & tubulin proteins	C)	centriole
I	4.	vesicles pinch off these structures; proteins modified and packaged here	D)	chloroplast
J	5.	cellular "stomach"	E)	chromosome
Α	6.	selectively permeable "doorman"	F)	cilia
D	7.	the most important plastid, turns CO ₂ , H ₂ O, sunlight into glucose	G)	cytoskeleton
Т	8.	membrane-bound spheres that store water & dissolved materials. Membrane surrounding it is	H)	flagella
		called a tonoplast. Plants have a large, central one.		
N	9.	site of rRNA production in nucleus	I)	Golgi body

20. vacuoles: large vesicles. In plants, function to store water and nutrients, help support plant due to Turgor pressure
21. vesicle: membrane-bound sacs for transporting materials in, around, and out of the cell, also used for storage of various materials.