Na	me			_	Due	
		HW: Functions of Cell Organelles				
Ma	atch the	following organel	les with their	functions:		
	1)	Proteins are absor	bed, modified	, packaged and distr	buted to their destination in this organelle.	
	2)	Although not men	nbrane bound	, this organelle is the site of protein synthesis.		
3) The "Powerhouse" of the cell, this organelle ATP.			" of the cell, t	his organelle is the s	e is the site of cellular respiration and production of	
4) The "skeleton" and "muscles" of the cell, this structure is made of microtubul flagella and centrioles.					ure is made of microtubules that also form cilia	
	5)	This organelle is §	is organelle is green due to the presence of chlorophyll and is the site of photosynthesis.			
6) This set of smooth membranes functions to synthesize lipid				ze lipids and detoxify drugs and toxins.		
	7)	This membrane holds the chromosomes within the nucleus.				
8) This organelle is very large in plant cells and contains foo				ns food, enzymes, minerals, wastes and water.		
	9)	This, the largest o	, the largest object in a eukaryotic cell, holds the cell's genetic information.			
10) Everything between the cell membrane and t (solution in the cell).				mbrane and the nucl	the nucleus. Contains all organelles and cytosol	
	11) Composed of cellulose, this gives plant cells stability.				y.	
	12)	This selectively p	ermeable stru	cture is composed of	phospholipids embedded with proteins.	
	13)	3) This extensive network of membranes is studded with ribosomes and functions as a surface for protein synthesis and transport of materials.				
	14)	This specialized v	esicle contain	s digestive enzymes	and is the site of hydrolysis in animal cells	
	15)	_15) These small microtubules are involved in animal cell division.				
	16)	Dark sections of I	ONA and prot	eins in the nucleus w	hich are the site of ribosome synthesis.	
_	17)	Structures within	the nucleus th	at are composed of I	ONA. Called chromatin in a non-dividing cell.	
b. c. d. e. f.	b. lysosome c. cell membrane d. nucleus e. chloroplast		h. i. j. k. l.	cell wall smooth ER chromosomes Golgi apparatus rough ER cytoskeleton found in the cell mer	m. nuclear envelope n. vacuole o. ribosomes p. cytoplasm q. centrioles ne. What are their functions?	
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