CHAPTER 7 CELL STRUCTUE AND FUNCTION CARD REVIEW  
Complete using your answer sheet

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| http://local.brookings.k12.sd.us/biology/images/musicc1.jpg | #1. Name this organelle.  #2. Give the function for #1. |

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| http://local.brookings.k12.sd.us/biology/images/musicc2.jpg | #3.These membrane sacs are called \_\_\_\_\_\_\_\_\_. |

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| #4. These integral proteins found in cell membranes help in identification. | http://local.brookings.k12.sd.us/biology/images/musicc3.jpg |

#5. Name this organelle.  
  
#6.  
Tell the polysaccharide found in PLANT CELL WALLS that makes them sturdy.

#7.  
Membranes that allow certain substances to pass through, but keep other out are said to be SELECTIVELY\_\_\_\_\_\_\_\_\_\_\_\_

  #8.The folded membranes inside a mitochondrion are called \_\_\_\_\_\_\_\_.

#9. The DNA and attached proteins that is SCRUNCHED UP in DIVIDING cells is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_

#10. The PROTEINS that are used to make the cytoskeleton, cilia, flagella, and centrioles are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

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| http://local.brookings.k12.sd.us/biology/images/musicc4.jpg | #11. Name this organelle.    #12. Give its function |

#13. Ribsomes can be found attached to\_\_\_\_\_\_\_\_\_\_\_\_\_.

#14. Membrane proteins that stick into the cell membrane either part way or all the way through are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_ proteins.

#15. PHOSPHOLIPIDS and \_\_\_\_\_\_\_\_\_\_\_ are the two main molecules that make up cell membranes.

#16. \_\_\_\_\_\_\_\_\_\_\_\_ are the smallest kind of cell.

Plant cells Animal cells Bacterial cells

#17. The gel-like fluid and the organelles it contains which is found inside the cell membrane is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

#18. An organism with a nuclear membrane and membrane bound organelles is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

#19. Name the 2 organelles BESIDES THE NUCLEUS that have a DOUBLE MEMBRANE AND their OWN DNA.

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| #20. Name an organelle that has this arrangement of microtubules. | http://local.brookings.k12.sd.us/biology/images/musicc5.gif |

#21. Name a part found in plant cells but not animal or bacterial cells.

#22. Which part acts as the UPS of the cell to sort, modify, and package molecules for storage or transport out of cell?

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| http://local.brookings.k12.sd.us/biology/images/musicc6.jpg | #23. Name this part.    #24. Tell what it does. |

#25. Name a kind of cell that is a EUKARYOTE.

#26. Tell one way animal cells are different from bacterial cells.

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| http://local.brookings.k12.sd.us/biology/images/newplantcellAtoD.jpg | #27. Name A.    #28. Give its function. |

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| #29. Name C  #30. Tell something that might be found inside C. | http://local.brookings.k12.sd.us/biology/images/newplantcellAtoD.jpg |

  #31. Tell one way cilia are different from flagella.

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| http://local.brookings.k12.sd.us/biology/images/musicc9.gif | #32. Name the cell part that uses this molecule. |