

Chapter 2 Anatomy Worksheet “CELLS AND TISSUES”

1. What is the genetic material in the nucleus called?
2. What are organelles, and give 2 examples.
3. Describe rough ER and give its function.
4. What do microvilli do?
5. Give the three main regions of the cell.
6. What is chromatin and what does it become?
7. Give a human cell that has a flagella.
8. What is exocytosis. Give an example.
9. What is osmosis?
10. Describe facilitated diffusion.
11. What is the common solvent in a human cell?
12. What are microtubules and microfilaments used for?
13. What is meant by selectively permeable?

14. What are the two major periods in a cell life cycle?
15. What always precedes cell division?
16. List and describe the (4) stages of Mitosis.
 - 1.
 - 2.
 - 3.
 - 4.
17. What is cytokinesis?
18. What is a gene?
19. What is endocytosis? Give an example.
20. What occurs during interphase?
21. What is pinocytosis?
22. What is meant by filtration?
23. Describe concentration gradient.