

Chapter 10 Study Guide Answer Key

* indicates questions that will NOT be on the Chapter 10 quiz but instead on the end-of-semester

1. -C
2. B
3. D
4. B
5. B
6. D
7. B
8. -C* (this is interesting but we will talk about it more this week)
9. -B*
10. D
11. B
12. B
13. B
14. -C*
15. B (Water moves... just because what cell specialization is and why we would use it)
16. -B*
17. -C
18. B
19. B
20. B

Fill in the Blanks

1. transport vesicle
2. cytosol
3. extracellular matrix *
4. peroxisome
5. granum
6. basal body *
7. cytosol
8. cytoskeleton
9. tight junctions *
10. microtubule

Interactive 10.1

- A. Cytology: study of cell structure
- B. Internal ultrastructure of cells
- C. Cell surface topography
- D. Live experiments

Interactive 10.2

- a. 1000 times (10³)
- b. 10000 times (10⁴)