**Chapters 18, 19, 20, and 21 Quiz**

**Bacteria, Viruses, Protists, Fungi, and Plants**

1. List whether each is a prokaryote or a eukaryote: Bacteria, Protists, and Fungi

2. What are the three shapes of bacteria?

3. How do bacteria move?

4. List two benefits of bacteria:

5. Bacteria are thought to be the **oldest** or **youngest** organisms on Earth?

6. What causes infectious disease?

7. Is a virus considered a living thing?

8. Which is smaller, a bacteria or a virus?

9. Are viral or bacterial infections treated with antibiotics?

10. What are two things that bacteria and viruses have in common?

11. How can a virus get into the human immune system?

12. What does Kingdom Fungi consist of? (what are the organisms?)

13. Which structure on a fungus aids in decomposition and absorption?

14. What organism is created from the mutualistic relationship between algae and fungi?

15. One of fungi’s main roles in the environment is to get rid of dead a decaying organisms, this makes fungi a \_\_\_\_\_\_\_\_\_\_\_\_? (check main idea)

16. How does an amoeba move; using pseudopodia or a contractile vacuole?

17. How are protozoans classified?

18. To which kingdom does an amoeba belong to?

19. Name three organisms in Kingdom Protista? (check your drawings)

20. Algae belongs to which kingdom?

21. Which characteristic divides Kingdom Plantae?

22. What tissue do mosses, hornworts, and liverworts lack?

23. How do seedless vascular plants reproduce?

24. Fruit trees, roses, sunflowers, and pine trees are examples of a vascular\_\_\_\_\_\_\_\_plant.

25. In flowering plants, what does the ovary of a plant develop into?

**True or False**

26. Protists can be unicellular and multicellular.

27. Bacterial and fungal cells are all over. (think Pasteur)

28. Viruses cannot replicate on their own.

29. Plants do not have cell walls.

30. Bacteria, viruses, fungi, and protists cannot harm you.