1. What is anatomy? What is physiology?
2. What are the three types of serous membranes? Describe the partial and visceral layers?
3. What are the smallest non-living blocks of any matter? What is the atomic number?
4. What is the smallest living unit of life? How many elements make up the human body? What are the big 4?
5. What is the difference between organic and inorganic compounds? Give example of each.
6. What is pH? Give example of neutral, acidic and basic compounds.
7. What are the differences between saturated and unsaturated fat?
8. What are the building blocks of proteins? What are the building blocks of nucleic acids?
9. Describe the two main regions in the human body. Which region do these regions belong to: axilla, groin, mediastinum, brachial & patellar?
10. Describe the anatomical position.
11. Describe the following: the body cavities, the 4 quadrants, and the 9 regions of the abdominal cavity.
13. What are the two types of cell divisions and the type of cells involved? Describe the cell cycle.
15. What are telomeres? Describe their role in cancel and cell division.
16. What is cancer? Mutation in what gene might cause cancer?
17. Compare and contrast between cancer cells and healthy cells.
18. What is tissue? What is organ?
19. What are the 6 levels of organization in the human body?
20. Describe the 11 organ systems and their functions.
21. Describe the four types of tissues in the human body and their functions. Which type is the most abundant?
22. Describe the classification of the epithelial tissue based on the shape and number of cell layers. Give examples of each type. What type of epithelia tissue is designed to stretch?
23. What are the differences between the three types of muscular tissue?
24. What are the cells that make up the following:
   a. Nervous tissue
   b. Bone tissue
   c. Cartilage tissue
   d. Blood tissue
   e. Areolar tissue (secrets 3 types of fibers)
   f. Epidermis (which type is the most abundant?)
   g. What are the cells that secret mucus?
25. Describe the two layer of skin. What type of tissue involved in each layer?
26. What layer of skin has glands, blood, hair follicles, and nerve supply?
27. What are the two layers of the dermis? What type of tissue makes each layer? What are their functions.
28. What type of tissues make-up the hypodermis?
29. What are the layers of epidermis? Which layer is the most actively divides by mitosis? Which layer exists only in thick skin?
30. What are the 3 pigments that contribute to the skin color?