# Chapter 20: Human Anatomy and Physiology (25pts)

## 20A

20.1-1: List the four levels of human behavior. Describe and give examples of each.

20.2-3: Name the four major body cavities

20.2-4: Name the four basic types of tissues in the human body

20.2-5: Name the eight connective tissues.

20.2-7: Name the eleven bodily systems.

## 20B

20.3-1: List the four functions of the human skin.

20.3-3: What are the functions of each of the two major layers of the epidermis.

20.3-4: How does a human hair grow?

20.3-5: Why do sebaceous glands secrete oil?

20.3-6: List the four major functions of sweat glands?

## 20C

20.6-1: List the five functions of the skeletal system.

20.6-4: Using Figure 20-16, draw a longitudinal section of bone and label the six inner parts.

20.6-7: Describe how a bone grows in length

20.6-7: Describe how a bone grows in diameter.

20.7-1: List the three kinds of joints, with an example of each.

20.7-2: List the four kinds of movable joints, with an example of each.

## 20D

20.8-1: List the five characteristics of a muscle.

20.8-2: List the three kinds of muscle tissues, and tell whether they are each striated/smooth, and voluntary/involuntary.

20.9-2: Why does a person who exercises regularly become tired less easily?

20.10-1: Define the prime mover, antagonistic pair, and synergistic muscles.

## Vocabulary (11 points)

1. Epidermis
2. Keratin
3. Dermis
4. Subcutaneous Layer
5. Follicle
6. Exocrine glands
7. Sebaceous glands
8. Melanin
9. Bone Marrow (red and yellow)
10. Periosteum
11. Bone Fracture types (6 from p.503)
12. Osteocytes
13. Ossification
14. cartilage
15. Joints
16. Ligaments v. Tendons
17. Synovial fluid
18. Haversian System
19. Bone disorders (list the 10 from p.506)
20. Skeletal v. visceral v. cardiac muscles
21. Oxygen debt
22. Muscle disorders (list the 8 from p.514)

\*Be able to label as many human bones and muscles as you can (go for at least ten of each)