- 1. What is Integument?
- 2. List and describe some of the functions of the integumentary system.

- 3. What are the two major layers of the cutaneous membrane?
- 4. List the layers of the epidermis in order from superficial to deep. Provide a description of each layer.

5. List the layers of the dermis and provide a description of each layer.

- 6. List and provide the function of the following accessory structures of the integumentary system:
  - a) Hair Follicles

- b) Exocrine glands
- c) Nails
- 7. What contracts with heightened emotion and cold temperature causing "goosebumps"?
- 8. Compare and contrast sebaceous and sweat gland secretions.

- 9. Define the following regions of the long bone then draw an image of a long bone using all terms found in an adult:
  - a) Epiphysis-
  - b) Metaphysis-
  - c) Diaphysis-
  - d) Medullary Cavity-
  - e) Epiphyseal Plate -
  - f) Epiphyseal Line-

10. Use the following terms to draw a compact bone structure:

• Osteon

- Concentric Lamellae
- Central canal
- Perforating Canal
- Circumferential Lamellae
- Interstitial Lamellae
- Canaliculi
- Lacunae