

Name:

Date:

Period:

~~Star~~

Pre-lab Worksheet (# 1-7)

1. Define a tissue. Name the four basic kinds of human tissue and list their functions?

1.

2.

3.

4.

2. List three examples of locations of epithelium.

3. Answer these questions about epithelium. (circle one)

- a. Epithelium consists mostly of _____
(closely packed cells / intercellular material with few cells).
- b. Epithelium is penetrated by (many / no) blood vessels.

4. Which tissues consist of cells that wear out constantly and are replaced by mitosis throughout life.

5. What are glands?

6. Write EXO before descriptions of exocrine glands, and ENDO before descriptions of endocrine glands.

- a. Their products are secreted into ducts that lead either directly or indirectly to the outside of the body.
- b. Their products are secreted into the blood and therefore stay within the body; they are ductless glands.
- c. Examples are glands that secrete sweat, oil, mucus, and digestive enzymes.
- d. Examples are glands that secrete hormones.

7. Match the types of cartilage with the descriptions given.

E. Elastic F. Fibrous H. Hyaline

- _____ a. Found where strength and rigidity are needed, as in discs between vertebrae and the symphysis pubis
- _____ b. White, glossy cartilage covering ends of bones (articular), covering ends of ribs (costal), and giving strength to nose, larynx, and trachea
- _____ c. Provides strength and flexibility, as in external part of the ear