

Name \_\_\_\_\_

Date \_\_\_\_\_

Teacher \_\_\_\_\_

**Forensics Unit  
Human Hair Identification**

**Use the handout provided and possibly the Biology text to answer the following.**

List the three layers of a hair.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

List the three types of medulla canals.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

How does root shape differ in humans vs. animals?

1. Which animal has hair closest to human hair?
2. Give the proper terms for hair in the following places:
3. Explain the 3 phases in the life of a hair.

4. Explain at least three ways human hair can be distinguished from animal hair.

Eyelash	Eyebrow	Armpit	Arm/leg

5. How many hairs do we shed in 24 hours?
6. Vellus hairs are spread all over the body and generally remain throughout life, but are not found on which parts of the body?
7. What can a hair from a person reveal about him/her?
8. Distinguish between the following:

- a. Pubic vs. chest hairs
- b. superciliary vs. beard
- c. ear vs. nose
- d. auxillary vs. chest

9. Fill in the table on race characteristics of hair.

RACE	DIAMETER	CROSS SECTION	CUTICLE SCALES	TWISTING

10. Explain the 3 phases in the life of a hair.

11. Explain at least three ways human hair can be distinguished from animal hair.