

Name \_\_\_\_\_

# **Male and Female Reproduction**

## **Assignment 1**

- 1) Describe the function of the following:
  - a. Sertoli Cells
  
  
  
  
  
  
  
  - b. Interstitial Cells
  
- 2) How is the epididymis different from seminiferous tubules?...describe each...
  
  
  
  
  
  
  
- 3) What is spermatogenesis?
  
  
  
  
  
  
  
- 4) A vasectomy is a surgical procedure that blocks each vas deferens and keeps sperm from reaching the seminal fluid.
  - a. Would a male who has had a vasectomy produce semen? EXPLAIN.
  
  
  
  
  
  
  
  - b. Would he continue to produce testosterone? EXPLAIN.
  
  
  
  
  
  
  
  - c. Why would this operation be performed?

5. Gonadotropic hormones LH and FSH influence the male reproduction system. What are they responsible for exactly?

**LH:**

**FSH:**

6. What is **oogenesis**?

7. What are **follicles**?

8. What is the role of **fimbriae**?

9. The uterus is made up of 2 layers. What is the name of each layer **and** what is the function of each layer?

10. Where does fertilization of an ova usually take place?

11. Where does implantation take place once the egg is fertilized?