

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Directions:** Match the term to the correct definition!

1. \_\_\_\_\_ **Fertilization**

2. \_\_\_\_\_ **Estrogen**

3. \_\_\_\_\_ **Oocyte**

4. \_\_\_\_\_ **Follicle**

5. \_\_\_\_\_ **Menstrual Cycle**

6. \_\_\_\_\_ **Bioreactor**

7. \_\_\_\_\_ **Decellularization**

8. \_\_\_\_\_ **Biocompatibility**

9. \_\_\_\_\_ **Fertility**

10. \_\_\_\_\_ **Endometriosis**

11. \_\_\_\_\_ **Chemotherapy**

12. \_\_\_\_\_ **Reproductive System**

13. \_\_\_\_\_ **Tissue Engineering**

**A.** The property of a material being compatible with tissue

**B.** Chamber for cells to grow in

**C.** Drug treatment with chemicals to kill fast-growing cells

**D.** Stripping the cells off of the extracellular matrix (ECM)

**E.** Condition where uterine tissue grows outside the uterus

**F.** Signals the buildup on the uterine lining; a surge in this leads to ovulation

**G.** The ability to produce offspring

**H.** Union of a sperm and an egg

**I.** An ovum and the cells around it

**J.** The process of ovulation and menstruation into three phases

**K.** The cell that develops into an egg

**L.** A female reproductive organ that is responsible for producing and releasing eggs, estrogen, and progesterone

**M.** The release of an egg from the ovary

Artificial Ovaries - Vocab Quiz (1<sup>st</sup> and 2<sup>nd</sup> Activity)

14. \_\_\_\_\_ **Progesterone**

15. \_\_\_\_\_ **Scaffold**

16. \_\_\_\_\_ **Ovum**

17. \_\_\_\_\_ **Ovaries**

18. \_\_\_\_\_ **Radiation**

19. \_\_\_\_\_ **Polycystic Ovary System  
(PCOS)**

20. \_\_\_\_\_ **Ovulation**

**N.** A mature egg

**O.** A condition where follicular growth is arrested, and the developing follicle turns into a large fibrotic 'cyst'

**P.** A hormone released by the ovary (corpus luteum) that maintains the uterine lining in preparation for fertilization

**Q.** Use of high energy waves to kill cancer cells

**R.** All organs involved in sexual reproduction

**S.** A structure where cells can grow

**T.** Combining scaffolds, cells, and other biologically active molecules into functional tissues