

Name: _____ **KEY**

Date: _____

Directions: Match the term to the correct definition!

1. **H** **Fertilization**

2. **F** **Estrogen**

3. **K** **Oocyte**

4. **I** **Follicle**

5. **J** **Menstrual Cycle**

6. **B** **Bioreactor**

7. **D** **Decellularization**

8. **A** **Biocompatibility**

9. **G** **Fertility**

10. **E** **Endometriosis**

11. **C** **Chemotherapy**

12. **R** **Reproductive System**

13. **T** **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 (1st and 2nd Activity)

14. P **Progesterone**

15. S **Scaffold**

16. N **Ovum**

17. L **Ovaries**

18. Q **Radiation**

19. O **Polycystic Ovary System
(PCOS)**

20. M **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