

Artificial Ovaries - Vocab Quiz (Everything)

Name: _____ **KEY** _____

Date: _____

Directions: Match each term to the correct definition!

1. **L** **Histology**

2. **I** **Fertility**

3. **H** **Estrogen**

4. **J** **Fertilization**

5. **K** **Follicle**

6. **A** **Biocompatibility**

7. **B** **Bioreactor**

8. **E** **Corpus Luteum**

9. **G** **Endometriosis**

10. **D** **Corpus Albicans**

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

12. **F** **Decellularization**

13. **W** **Reproductive System**

14. **Z** **Tertiary Follicle**

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. Stage where the corpus luteum is degrading, LH levels fall

E. The remainder of the follicle structure – maintains high progesterone levels

F. Stripping the cells off of the extracellular matrix (ECM)

G. Condition where uterine tissue grows outside the uterus

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

I. The ability to produce offspring

J. Union of a sperm and an egg

K. An ovum and the cells around it

L. Study of cells microscopically

M. Process of ovulation and menstruation; broken into three phases

N. The cell that develops into an egg

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| 15. S Primary Follicle | O. A female reproductive organ that is responsible for producing and releasing eggs, estrogen, and progesterone |
| 16. Y Secondary Follicle | P. The release of an egg from the ovary |
| 17. N Oocyte | Q. A mature egg |
| 18. AA Tissue Engineering | R. A condition where follicular growth is arrested, and the developing follicle turns into a large fibrotic 'cyst' |
| 19. O Ovaries | S. The beginning stage of the menstrual cycle for the egg |
| 20. X Scaffold | T. The dormant egg cells and the granulosa cells around them |
| 21. R Polycystic Ovary System (PCOS) | U. A hormone released by the ovary (corpus luteum) that maintains the uterine lining in preparation for fertilization |
| 22. Q Ovum | V. Using higher energy waves to kill cancer cells |
| 23. M Menstrual Cycle | W. All organs involved in sexual reproduction |
| 24. T Primordial Follicle | X. A structure where cells can grow |
| 25. P Ovulation | Y. In this stage the antrum begins to form |
| 26. V Radiation | Z. In this stage, the zona granulosa separates from the corona radiata |
| 27. U Progesterone | AA. Combining scaffolds, cells, and other biologically active molecules into functional tissues |