

## Artificial Ovaries – Virtual Ovarian Histology Lab Worksheet

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

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

**Directions:** As you walk through the “Virtual Ovarian Histology Lab”, take notes and answer the following questions.

### **Short Answers**

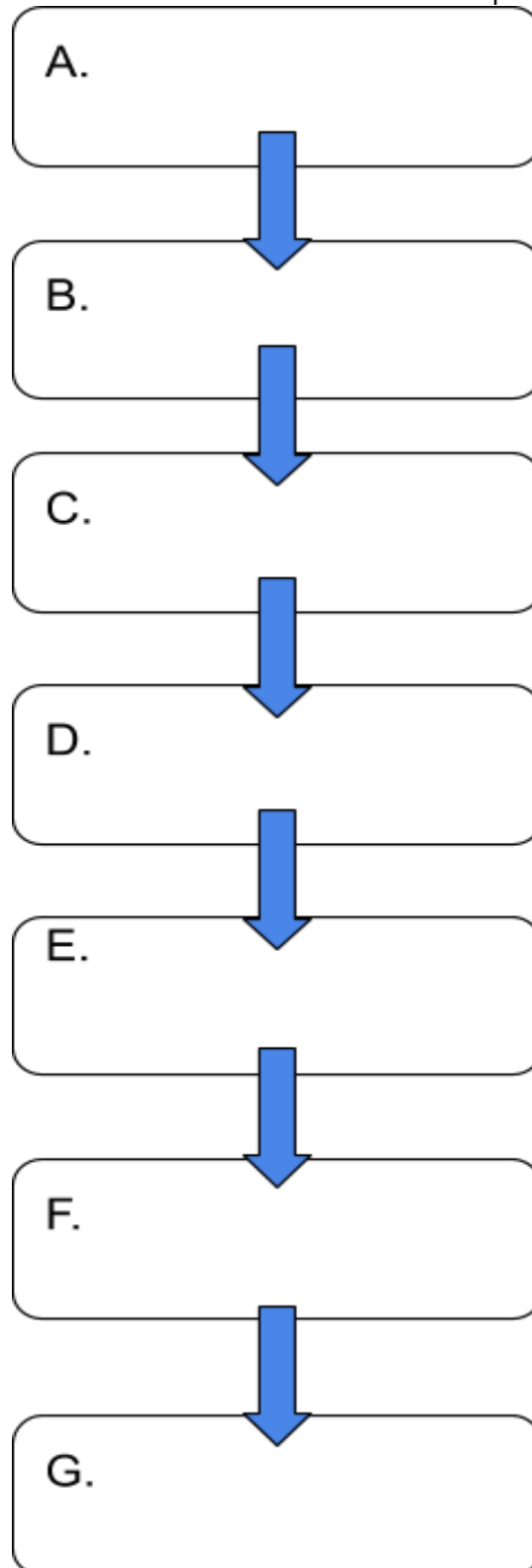
1. What is the name of the follicle on the first slide that you see (A)?
  - a. What shape are the granulosa cells from this phase?
  
2. What is the name of the follicle on the second slide that you see (B)?
  - a. What is the zona pellucida?
  
  - b. What type of receptors are being developed on this cell?
  
3. What is the name of the follicle in (C)?
  
4. At the stage shown in (C), granulosa cells convert from  
\_\_\_\_\_ into \_\_\_\_\_

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5. What is the name of the follicle in (D)?
  
6. What surrounds the oocyte in the phase shown in (D)?
  
7. What is the name of the phase labeled in (E)?
  
8. What is the name of the follicle in (F)?
  - a. What hormone does this structure produce?
  
  - b. Why is this hormone produced?
  
9. What is the name of the structure in G?
  - a. What is this structure made out of?

**Fill in the Blanks**

in the blanks regarding with the name of the follicle at each point of the ovarian cycle.



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### ***Open Answers***

Draw and label the follicles from the first 4 stages of the cycle (before part E).

Name:	Name:
Name:	Name:

**Short Answers Pt. 2**

1. What is the name of the condition on the *blue* (i) slide?
  - a. What stage of the ovarian cycle is this condition most like?
  
2. What is the name of the condition on the *purple* (ii) slide?
  - a. What is metathesis?
  
3. What is the name of the condition on the *green* (iii) slide?
  - a. Where does this foreign tissue come from?
  
4. What is the name of the condition on the *red* (iv) slide?
  - a. What does cytotoxic mean?