

**SECTION 51-3 REVIEW**

# GESTATION

**VOCABULARY REVIEW** Define the following terms.

1. human chorionic gonadotropin \_\_\_\_\_  
\_\_\_\_\_
2. implantation \_\_\_\_\_  
\_\_\_\_\_
3. chorionic villi \_\_\_\_\_  
\_\_\_\_\_
4. umbilical cord \_\_\_\_\_  
\_\_\_\_\_
5. amniotic sac \_\_\_\_\_  
\_\_\_\_\_

**MULTIPLE CHOICE** Write the correct letter in the blank.

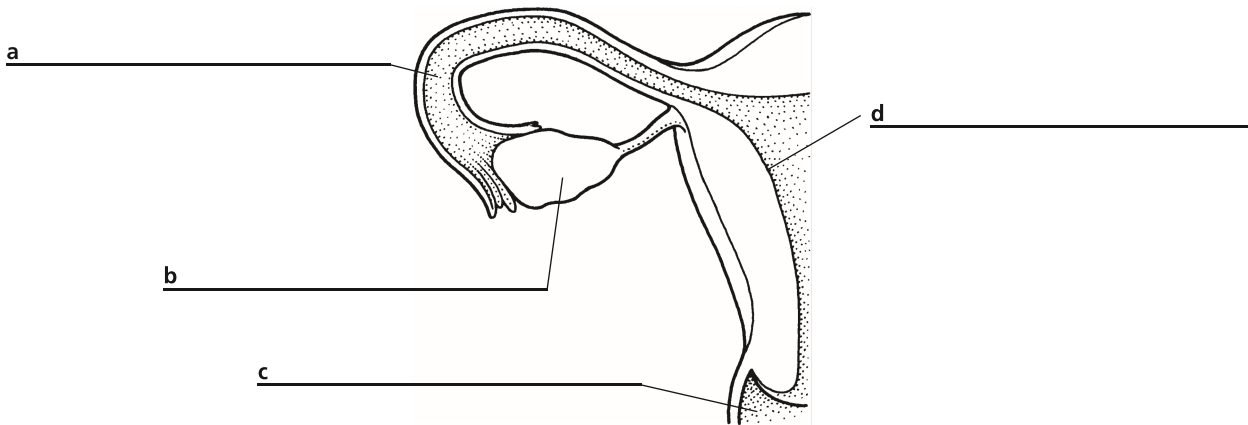
- \_\_\_\_\_ 1. Fertilization occurs in the  
a. vagina.                      b. uterus.                      c. fallopian tubes.                      d. ovaries.
- \_\_\_\_\_ 2. The morula is  
a. the outer cell layer of a rupturing follicle.  
b. an unfertilized egg.  
c. formed after the fusion of sperm and egg nuclei.  
d. attached to the uterine lining after implantation.
- \_\_\_\_\_ 3. Which of the following organ systems begins to form during the first trimester?  
a. nervous system                      c. digestive system  
b. circulatory system                      d. All of the above
- \_\_\_\_\_ 4. Afterbirth includes  
a. amniotic fluid.                      c. unfertilized eggs.  
b. the placenta.                      d. ruptured ovarian follicles.
- \_\_\_\_\_ 5. A zygote is a(n)  
a. implanted fertilized egg.                      c. fertilized egg.  
b. ovulated egg.                      d. blastocyst.

**SHORT ANSWER** Answer the questions in the space provided.

1. Explain why ovulation does not occur during pregnancy. \_\_\_\_\_  
\_\_\_\_\_
2. Describe how the placenta, chorionic villi, and allantois are functionally and structurally related.  
\_\_\_\_\_  
\_\_\_\_\_
3. Explain the importance of estrogen during pregnancy. \_\_\_\_\_  
\_\_\_\_\_
4. What events must be completed before implantation is successful? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
5. **Critical Thinking** If you were asked to design a pregnancy test that was based on hormones, which hormone would you select to indicate a pregnancy? Explain your answer. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**STRUCTURES AND FUNCTIONS** Use the figure of part of the female reproductive system below to answer the following questions.

1. Label each part of the figure in the spaces provided.



2. Use the letters of the labeled structures to indicate where the following would normally be found during pregnancy:
 

_____ blastocyst	_____ corpus luteum
_____ zygote	_____ morula