

**Structure and Function in Living Systems**  
**Reproduction and Development Review Questions**

Name:

Period:

Use Chapter 18 to help you answer the following questions.

- \_\_\_\_\_ 1. Semen exits the male body through which organ?  
a. the testis      b. the vas deferens      c. the epididymis      d. the penis
- \_\_\_\_\_ 2. The sperm and egg each contribute how many chromosomes to the fertilized egg?  
a. one      b. two      c. three      d. four
- \_\_\_\_\_ 3. Which organ connects the outside of the female body to the uterus?  
a. the ovaries      b. the oviducts      c. the vagina      d. the fallopian tubes
- \_\_\_\_\_ 4. After week five, the embryo receives nutrients from the placenta through which of the following?  
a. the vagina      b. the umbilical cord      c. the fallopian tubes      d. the urethra
- \_\_\_\_\_ 5. When is a woman's pregnancy commonly considered to start?  
a. the day before the last menstrual period      c. two weeks after the last menstrual period  
b. the first day of the last menstrual period      d. on the day fertilization takes place
- \_\_\_\_\_ 6. Which male organ produces sperm?  
a. the penis      b. the urethra      c. the ovary      d. the testis
- \_\_\_\_\_ 7. Which female organ produces eggs?  
a. the vagina      b. the uterus      c. the bladder      d. the ovary
- \_\_\_\_\_ 8. A fertilized egg develops in which female organ?  
a. the uterus      b. the fallopian tube      c. the vagina      d. the ovulation
- \_\_\_\_\_ 9. What is the 28-day period during which a female's body prepares for pregnancy?  
a. puberty      b. labor      c. ovulation cycle      d. menstrual cycle
- \_\_\_\_\_ 10. Two babies born together that look exactly alike are called what?  
a. fraternal twins      b. identical twins      c. quintuplets      d. quadruplets
- \_\_\_\_\_ 11. What is one sexually transmitted disease a person can get during sexual activity?  
a. the flu      b. zygote      c. pneumonia      d. chlamydia
- \_\_\_\_\_ 12. When cells grow in an uncontrolled way, what may develop?  
a. an embryo      b. a cancer      c. a zygote      d. hepatitis
- \_\_\_\_\_ 13. Couples who cannot have children are said to be what?  
a. infertile      b. in labor      c. asexual      d. ovulating
- \_\_\_\_\_ 14. Differentiation of an embryo's cells begins during which of the following weeks of pregnancy?  
a. 1 and 2      b. 3 and 4      c. 5 through 8      d. 9 through 16
- \_\_\_\_\_ 15. Which of the following statements is true about sexual activity without ejaculation?  
a. It cannot release sperm.  
b. It cannot lead to fertilization.  
c. It can release a few sperm and lead to pregnancy.  
d. It can release a few sperm but cannot lead to pregnancy.

*turn over for more questions*

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*Match the correct description with the correct term. Write the letter in the space provided.*

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|--|-------------------|
| _____ 16. the fertilized egg after it is implanted in the uterus | a. umbilical cord |
| _____ 17. a developing human after 9 or 10 weeks of pregnancy    | b. fetus          |
| _____ 18. connects the fetus to the placenta                     | c. embryo         |

*Match the correct description with the correct term. Write the letter in the space provided.*

- |  |          |
|--|----------|
| _____ 19. This grows quickly during weeks 7 to 8 of pregnancy. | a. brain |
| _____ 20. A 19-week-old fetus can respond to this.             | b. labor |
| _____ 21. A mother has contractions as a baby is born.         | c. sound |

*Use the terms from the following list to complete the sentences below.*

infant      childhood      adolescence      young adulthood

22. During \_\_\_\_\_, a person's reproductive system matures.
23. A child is called an \_\_\_\_\_ until it is 2 years old.
24. When people are in \_\_\_\_\_, they are at the peak of their physical development.
25. During \_\_\_\_\_, you grow a set of permanent teeth.