

Structure and Function in Living Systems

Name:

Fertilization, Multiple Births, & Problems

Period:

Use Chapter 18, Section 1 of your textbook to answer the questions below. The word banks can be used to fill out the sentences below them.

cells children days half healthy identical normally sexual single
STD white blood cells zygote

Section 1: Human Reproduction

Fertilization (p.558)

1. Fertilization can happen if sperm are in the female reproductive system within a few _____ of ovulation.
2. A _____ sperm penetrates an egg during fertilization.
3. A fertilized egg has _____ copies of each chromosome.
4. A fertilized egg is called a _____.
5. Look at Figure 3. How many of your chromosomes come from each parent? _____

Multiple Births (p.559)

6. _____ twins come from a single egg that was split in two.
7. _____ twins come from two different eggs.
8. True or False? Fraternal twins can be a boy and a girl. _____

Reproductive System Problems: Sexually Transmitted Diseases (STDs) (p.560)

9. A person can get a sexually transmitted disease by having _____ contact (touching) with someone who already has the disease.
10. AIDS is a fatal disease because a person who has AIDS has very few _____ in their blood to protect them from infections.

Cancer (p.560)

11. Cancer is caused by the uncontrolled growth of _____.
- _____ 12. What are the TWO most common reproductive cancers of men?
a. prostate cancer b. penis cancer c. liver cancer d. cancer of the testes
- _____ 13. What is a common reproductive cancer of women?
a. prostate cancer b. vagina cancer c. liver cancer d. cancer of the cervix

Infertility (p.561)

14. If a couple is infertile, this means that they cannot have _____.
15. A man can be infertile if his body does not make enough _____ sperm.
16. A woman can be infertile if her body does not ovulate _____.
17. Having an _____ can also make a man or woman infertile.