

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.

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.