

## STUDY GUIDE

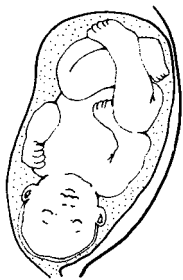
## ● Fertilization to Birth

Check (✓) the statements that agree with the textbook. Rewrite the other statements so that they agree.

- \_\_\_ 1. A human zygote has 46 chromosomes.
- \_\_\_ 2. During the first two months of pregnancy, the unborn child is called a fetus.
- \_\_\_ 3. The amniotic sac helps cushion the baby.
- \_\_\_ 4. Wastes are carried through arteries in the umbilical cord.
- \_\_\_ 5. Blood vessels develop from the villi to form the placenta.
- \_\_\_ 6. The heart begins to beat in the first three months of development.
- \_\_\_ 7. If two eggs are fertilized at the same time, identical twins result.
- \_\_\_ 8. The amniotic sac attaches to the placenta.
- \_\_\_ 9. More than one sperm can fertilize a single egg.
- \_\_\_ 10. The fetus often sucks its thumb while in the uterus.

Match the description on the left with the term in the second column by writing the correct letter in each blank.

- \_\_\_ 11. contains the chromosomes in both sperm and egg
- \_\_\_ 12. the process that occurs when egg and sperm unite
- \_\_\_ 13. twins that come from a single egg
- \_\_\_ 14. filled with fluid that cushions the baby while inside the uterus
- \_\_\_ 15. transports nutrients and oxygen to the baby
- \_\_\_ 16. refers to the developing baby after the first two months of pregnancy
- \_\_\_ 17. twins that come from two eggs
- \_\_\_ 18. refers to the developing baby during the first two months of pregnancy
- \_\_\_ 19. formed by the union of egg and sperm
- \_\_\_ 20. place where the fertilized egg implants



- a. fraternal
- b. uterus
- c. fertilization
- d. umbilical cord
- e. amniotic sac
- f. embryo
- g. zygote
- h. fetus
- i. identical
- j. nucleus