

## The Endocrine System and Reproduction ▪ Chapter 16 Pre-Assessment

Write the letter of the correct answer on the line at the left.

- \_\_\_\_\_ 1. What does a child inherit from the male parent?
  - a. all of his genetic information
  - b. half of his genetic information
  - c. double his genetic information
  - d. none of his genetic information
  
- \_\_\_\_\_ 2. An egg and a sperm are needed for sexual reproduction so the child will
  - a. have a full set of genetic material.
  - b. inherit traits from the dominant parent.
  - c. inherit traits from only one parent.
  - d. have differentiated cells.
  
- \_\_\_\_\_ 3. Which part of the cell carries hereditary information?
  - a. lysosome
  - b. vacuole
  - c. chromosome
  - d. cell membrane
  
- \_\_\_\_\_ 4. As multicellular organisms develop, how do their cells change?
  - a. The cells differentiate into specialized cells.
  - b. The cells decrease in number.
  - c. The cells are passed on to offspring.
  - d. The cells stop dividing.

## The Endocrine System and Reproduction ▪ Section 16.1 Quiz

Fill in the blank to complete each statement.

1. Endocrine glands produce and release their chemical products directly into the \_\_\_\_\_.
2. Because \_\_\_\_\_ are carried throughout the body, they can regulate activities in tissues and organs far from the glands that produce them.
3. The \_\_\_\_\_ is the link between the nervous system and the endocrine system.
4. The pituitary gland produces \_\_\_\_\_, which regulates growth from infancy to adulthood.
5. Through \_\_\_\_\_, when the amount of hormone in the blood reaches a certain level, the endocrine system sends signals that stop the release of that hormone.

## **The Endocrine System and Reproduction** ▪ *Section 16.2 Quiz*

*If the statement is true, write true. If the statement is false, change the underlined word or words to make the statement true.*

- \_\_\_\_\_ 1. In sexual reproduction, an egg and a sperm join together during fertilization.
- \_\_\_\_\_ 2. Semen needs a slightly cooler body temperature to develop normally.
- \_\_\_\_\_ 3. The ovaries are the female reproductive structures that produce eggs.
- \_\_\_\_\_ 4. During the menstrual cycle, the uterus prepares for the arrival of an embryo.
- \_\_\_\_\_ 5. Ovulation takes place about one-third of the way through the menstrual cycle.

## **The Endocrine System and Reproduction** ▪ *Section 16.3 Quiz*

*Fill in the blank to complete each statement.*

1. Cells of an embryo develop into specialized cells in a process called \_\_\_\_\_.
2. The fluid in the amniotic sac protects the \_\_\_\_\_.
3. Nutrients and wastes are exchanged between mother and fetus in an organ called the \_\_\_\_\_.
4. Identical twins develop from the same \_\_\_\_\_.
5. Adolescence is the stage when children mature into \_\_\_\_\_.