

Name _____

Period _____

4.1 The Endocrine System Review

1. What roles does the endocrine system play in the body?
2. What is a hormone? Explain how hormones reach the cells where they have their effect.
3. List the glands of the endocrine system.
4. What is the hypothalamus? How does it interact with the pituitary gland?
5. How is the onset of puberty related to the endocrine system?
6. A driver brakes suddenly when a dog darts out in front of her car. How did the endocrine system aid her quick response?

Name _____

Period _____

4.2 The Male Reproductive System Review

1. What are three main functions of the male reproductive system?
2. What is the name of the sac in which the testes are located?
3. What is semen, and how is it formed?
4. List 5 things that males should do to maintain reproductive health.
5. What are two kinds of problems with sperm that lead to infertility in male?

Name _____

Period _____

4.3 Female Reproductive System Review

1. What are the three main functions of the female reproductive system?
2. What is ovulation?
3. Where are the fallopian tubes located? What is their function?
4. What event marks the end of one menstrual cycle and the beginning of another?
5. List five things that females should do to maintain reproductive health?
6. If a woman's ovaries release one egg per month for 30 years, how many eggs in total will she have released?
7. How could more young women be convinced of the importance of regular breast exams?

Name _____

Period _____

4.4 Heredity Review

1. How is genetic information passed from one generation to the next?
2. What are genes? How are they related to chromosomes?
3. What are the causes of genetic disorders? Give two examples of genetic disorders.
4. What three factors influence your risk for disease? Which factors are under your control?
5. Government funding for research of some genetic disorders is very low because the disorders are so rare. Is that reasonable? Explain your position.

Name _____

Period _____

4.5 Development Before Birth Review

1. What happens during the first week of human development?
2. What happens during implantation?
3. What three structures protect and nourish the embryo and later the fetus?
4. What is the placenta? What is its function?
5. How does a fetus change between the third and sixth months of pregnancy?
6. Suppose that only 200 sperm out of 400,000,000 sperm deposited in the vagina survive the journey to the egg. What percentage is this?
7. Why is it an unhealthy decision for a pregnant woman to drink alcohol?
8. List in order the following steps of development: eyelids open and close, legs kick, embryo is about an inch long, amniotic sac develops.

Name _____

Period _____

4.6 A Healthy Pregnancy Review

1. List four healthy habits that a pregnant woman should adopt before and during pregnancy.
2. Why is prenatal care so important throughout pregnancy?
3. About how long is each trimester of a pregnancy?
4. Describe 3 symptoms of preeclampsia. How is it treated?
5. From the following list, which food choice is generally recommended for pregnant women? Swordfish, spinach, wine, herbal tea

Name _____

Period _____

4.7 Childbirth Review

1. What are the three stages of birth?
2. Describe what happens during labor?
3. What is the postpartum period? List two changes that happen in the newborn and two changes that happen in the mother during this period.
4. What are four complicating factors that may arise at birth?
5. What is a cesarean section? Give two reasons why a cesarean section may be performed.
6. Describe two risk factors for low birthweight.
7. How do fraternal twins differ from identical twins?