

Structure and Function in Living Systems

Name:

Growth and Development

Period:

Use Chapter 18, Section 2 to help you answer the questions below.

Section 1: Growth and Development From Fertilization to Embryo (p.562)

- _____ 1. Where does the sperm usually fertilize the egg?
a. in the uterus b. in a fallopian tube c. in a membrane d. in a nucleus
- _____ 2. What is an embryo?
a. a newborn baby through two years of life c. a fertilized egg through week 10 of pregnancy
b. an unfertilized egg d. a million sperm
- _____ 3. What is it called when the embryo attaches itself to the uterus?
a. fertilization b. implantation c. multiple birth d. menstrual cycle

From Embryo to Fetus (p.563)

- _____ 4. Through what organ does the mother nourish the developing embryo?
a. the uterus b. the placenta c. the fallopian tube d. the cervix

Weeks 1 and 2 (p.563)

- _____ 5. When do doctors start counting the time of a woman's pregnancy?
a. from the first day of fertilization
b. from the first day of her last menstrual period
c. from the first day the embryo is implanted
d. from the time sperm come into the uterus



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Weeks 3 and 4 (p.563)

- _____ 6. When does fertilization take place?
a. the end of day 1 c. the end of week 2
b. the end of week 1 d. when the embryo is implanted
- _____ 7. Which of the following begins during the first 4 weeks of pregnancy?
a. The embryo grows fingernails. c. The embryo can see light.
b. The embryo can kick its feet. d. The embryo's blood cells begin to form.

Weeks 5 to 8 (p.563)

- _____ 8. What connects the embryo to the placenta?
a. the amnion b. the umbilical cord c. the fallopian tube d. the spinal cord
- _____ 9. During weeks 5 to 8, what part of the embryo grows quickly?
a. its arms b. its muscles c. its brain d. its taste buds

Weeks 9 to 16 (p.564)

- _____ 10. What is the unborn child called after week 10?
a. a fetus b. an embryo c. an infant d. a zygote
- _____ 11. What happens to the fetus during weeks 9 to 16?
a. It responds to light. c. It can hear sounds.
b. The umbilical cord forms. d. It begins to move.

turn over for more questions

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Weeks 17 to 24 (p.564)

- _____ 12. By week 18, what can the fetus respond to?
a. light b. language c. sound d. colors

Weeks 25 to 36 (p.564)

- _____ 13. By week 32, brain activity shows that the fetus may respond to what?
a. odors b. light c. touch d. temperature

Birth (p.564)

- _____ 14. What are the contractions a mother feels when giving birth?
a. full-term b. placenta c. labor d. uterus
- _____ 15. A baby comes out of what part of a mother's body?
a. her vagina b. her placenta c. her umbilicus d. her cervix

From Birth to Death (p.566)

Infancy and Childhood

- _____ 16. A child is called an infant until it reaches what age?
a. 1 year old b. 2 years old c. 3 years old d. 5 years old
- _____ 17. What is one change you experience during childhood?
a. You get baby teeth. c. You learn how to walk.
b. You grow hair. d. You get permanent teeth.

Adolescence (p.566)

- _____ 18. What happens to you during puberty?
a. You get permanent teeth. c. Your reproductive system matures.
b. Your nervous system develops. d. Your muscles become coordinated.

Adulthood (p.567)

- _____ 19. What reaches its peak when you are a young adult?
a. your aging process c. your body fat
b. your physical development d. your wealth
- _____ 20. What is a common sign of aging in older adults?
a. greater flexibility b. blindness c. graying of hair d. inability to walk