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**Unit 6: Human Development**

**Multiple Choice:** Complete the following questions with the answer that best fits the question. You may only choose one answer. Mark your answers clearly on the answer sheet.

\_\_\_\_\_ 1. What is the male sex hormone responsible for production of sperm and physical changes during puberty?

a. progesterone b. testosterone c. estrogen d. FSH

\_\_\_\_\_ 2. What is puberty?

a. a period in childhood when a child grows at an accelerated rate

b. a period in adolescence when a person becomes sexually mature

c. a period in childhood when immune system develops

d. a period in adolescence when a person becomes sexually active

\_\_\_\_\_ 3. What does the pancreas regulate?

1. sugar levels in blood
2. calcium levels in blood
3. reproduction and metabolism
4. development of nocturnal emissions

\_\_\_\_\_ 4. What happens during the first stage in the menstrual cycle?

1. ovulation
2. menopause
3. fertilization
4. menstruation

\_\_\_\_\_ 5. Women who get yearly medical checkups should include the following test

1. MRI’s
2. CAT scans
3. pap smears
4. message-grams

\_\_\_\_\_ 6. The best way to eliminate your risk of contracting an STI is to

1. wear two condoms.
2. use contraception.
3. drink lots of water.
4. be sexually abstinent.

\_\_\_\_\_ 7. On average a menstrual cycle averages how many days?

1. 21
2. 35
3. 3
4. 28

\_\_\_\_\_ 8. Which endocrine gland is part of both the endocrine and nervous systems?

1. thyroid
2. pancreas
3. testes
4. hypothalamus

\_\_\_\_\_ 9. A chemical substance produced by an endocrine gland is known as what?

1. hormone
2. semen
3. vaginitis
4. gene

\_\_\_\_\_ 10. The testes hang outside the body within a sac of skin known as the

1. penis
2. scrotum
3. uterus
4. amniotic sac

\_\_\_\_\_ 11. The united egg and sperm is called what?

1. ejaculation
2. zygote
3. blastocyst
4. fetus

\_\_\_\_\_ 12. During implantation, the blastocyst attaches itself to the wall of the

1. uterus.
2. fallopian tube.
3. ovary.
4. stomach.

\_\_\_\_\_ 13. From the third month until birth, the developing human is called the

1. embryo
2. baby
3. fetus
4. newborn

\_\_\_\_\_ 14. During what pregnancy complication does blastocyst implant itself in the fallopian tube?

1. miscarriage
2. gestational diabetes
3. amniocentesis
4. ectopic pregnancy

\_\_\_\_\_ 15. Work performed by the mother’s body to push the fetus out through the birth canal is called what?

1. labor
2. cesarean section
3. contractions
4. douching

\_\_\_\_\_ 16. The postpartum period occurs

1. during the first 6 weeks during birth.
2. during labor.
3. during the first 6 weeks after birth.
4. during a miscarriage.

\_\_\_\_\_ 17. Who is a nurse trained to deliver babies?

1. obstetrician
2. certified nurse-midwife
3. babysitter
4. optometrist

\_\_\_\_\_ 18. High frequency sound waves used to depict images of an unborn baby is what type of medical test?

1. x-ray
2. mammogram
3. CVS
4. ultrasound

\_\_\_\_\_ 19. In order for a miscarriage to take place, the embryo must parish within how many weeks?

1. 60
2. 5
3. 20
4. 30

\_\_\_\_\_ 20. Delivery of a live baby before the 37th week of pregnancy is called what?

1. stillbirth
2. premature birth
3. multiple birth
4. natural birth

**TRUE / FALSE:** Answer “A” for True and “B” for False)

\_\_\_\_\_ 21. The pituitary gland controls reproduction and metabolism.

\_\_\_\_\_ 22. Testicular cancer is most common in older men.

\_\_\_\_\_ 23. Toxic Shock Syndrome can result in death.

\_\_\_\_\_ 24. The menstrual cycle lasts about 3 to 5 days.

\_\_\_\_\_ 25. Women can conceive a child after menopause.

\_\_\_\_\_ 26. The scrotum is a sac of skin that contains the ovaries.

\_\_\_\_\_ 27. When a sperm and egg unite, the fertilized egg has 46 chromosomes.

\_\_\_\_\_ 28. Heredity is the passing of biological traits from CHILD to PARENT.

\_\_\_\_\_ 29. The vagina is known as the “birth canal”.

\_\_\_\_\_ 30. Infertility is the ability to reproduce.

\_\_\_\_\_ 31. Two sperm can fertilize the same egg.

\_\_\_\_\_ 32. Pregnant women should avoid cat litter.

\_\_\_\_\_ 33. The umbilical cord carries nutrients and oxygen to the embryo.

\_\_\_\_\_ 34. An embryo and a fetus are the same thing.

\_\_\_\_\_ 35. A woman should abstain from drugs and alcohol prior to pregnancy.

\_\_\_\_\_ 36. Fraternal twins occur when two eggs are fertilized by two different sperm.

\_\_\_\_\_37. Down Syndrome is when a person is carrying an extra chromosome.

\_\_\_\_\_ 38. A pregnant woman should consume an extra 500 calories or more a day.

\_\_\_\_\_ 39. A newborn that weighs less than 5.5 pounds at birth is considered to have low birthweight.

\_\_\_\_\_ 40. A pregnancy is divided into three periods of time known as semesters.