

Reproductive System Study Guide

1. What cell type is formed after meiosis?
2. What is the process that occurs in the testes of males that results in the formation of male sex cells?
3. What is the process that occurs in the ovaries of females that results in the formation of female sex cells?
4. How many chromosomes are in the gametes?
5. What is fertilization?
6. Where does fertilization normally occur?
7. What combination of sex chromosomes does a male possess?
8. What combination of sex chromosomes does a female possess?
9. What develops to support the developing embryo and fetus?
10. If a zygote does not implant in the uterine wall, what type of pregnancy has occurred?
11. What is the second most common location of implantation?
12. When are genetic/ physical traits determined?
13. What hormone is produced during the first 70 days of pregnancy and is commonly called the hormone of pregnancy?
14. Which hormone relaxes smooth muscle and prevents contractions of the uterus?
15. Which hormone causes milk to be produced?
16. Which group of hormones causes the fetus to develop male sexual characteristics?

17. Which female sex gland is the location of egg maturation?
18. What two hormones are produced by the ovaries?
19. Which hormone causes the development of secondary female sexual characteristics?
20. Which hormone causes the uterine lining to develop to prepare for zygote implantation?
21. What is the name of the tube that connects to the uterus and receives the egg from the ovaries?
22. What is another name for that tube?
23. What is the name of the upper rounded portion of the uterus?
24. What is the name of the lower region of the uterus that opens into the vagina?
25. What is the name of the inner lining of the uterus?
26. What is the name of the fibromuscular tube that accepts the penis during coitus?
27. What membrane is commonly ruptured during the first sexual encounter?
28. What do you call the external female genitalia?
29. What are the folds of tissue that surround the opening of the vagina?
30. What is the area above the genitalia called?
31. What gland lubricates the vagina during arousal?
32. What gland produces milk?
33. What is the dark area around the nipple called?
34. What do you call the first menstrual period?
35. What do you call the last menstrual period?

36. What is another term for release of a matured ovum?
37. What is another term for period?
38. Which two hormones affect follicle development?
39. What is the location of sperm development?
40. What is the name of the sac that houses the testes?
41. Which cells in the testicles produce sperm?
42. Which hormone stimulates sperm development?
43. Which hormone stimulates interstitial cells to produce testosterone?
44. What is the name of the structure that connects to the testicle and carries sperm to the ductus deferens?
45. What is the name of the vesicle that produces substances to nourish sperm cells and is the location where the ductus deferens meet?
46. What tube carries semen (sperm + seminal fluid) to the urethra?
47. Which tube is the last tube that carries semen?
48. What organ deposits semen into the vagina?
49. Which gland surrounds the urethra and contracts to prevent urine from mixing with semen?
50. What is the pH of prostatic fluid?
51. What gland is located below the prostate gland?
52. What is the name of the condition in which the testicles fail to descend into the scrotum?
53. What is the technical name for the head of the penis?
54. What covers the head of the penis in the uncircumcised male?

55. What is the minimal level of sperm cells needed to be considered fertile?

56. What do you practice if you are trying to avoid a pregnancy?

57. What is the most effective method of preventing a pregnancy?

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