Reproductive System Study Sheet

Know the following:

1. functions of the Reproductive System
2. structures of the Male Reproductive System
3. structures of the Female Reproductive System
4. characteristics and role of oogenesis
5. role the luteinizing hormone (what does it trigger?)
6. what happens when the levels of FSH rise in the blood.
7. average length of the menstrual cycle
8. what happens during the menses} day 1-5 (hormone levels)
9. what happens during the proliferative phase} day 6-14 (hormone levels)
10. what happens during the secretory phase} day 15-28 (hormone levels)
11. characteristics and function of the vagina
12. location of the vagina (relative to the urethra, rectum, anus,
13. where milk production occurs in the mammary glands (specific)
14. role of progesterone
15. cause of menopause (hormonal changes that trigger)
16. changes that occur in the female body due to menopause
17. size of an ovary
18. length of fallopian tubes
19. number of sperm per ejaculate
20. number of chromosomes in each spermatid
21. where mature sperm cells are found (which structures?)
22. function of the cremaster muscles
23. side effects of an enlarged prostate
24. effects of taking testosterone (an anabolic steroid) on males
25. what happens when a menstruating woman loses too much body fat?

Term to know:

* capacitation
* Interstitial cells
* Stem cells
* Spermatid
* Spermatogenesis
* Spermatogonia
* Spermatocyte (primary vs. secondary)
* Ductus (Vas) deferens
* Epididymis
* External genitalia
* Urethra
* Accessory glands
* Prostate gland (composition and function of secretions)
* Seminal vesicles ((composition and function of secretions)
* Bulbourethral glands (composition and function of secretions)
* Prepuce
* Corpus spongiosum
* Spongy urethra
* FSH (role in sperm and egg production)
* LH (role in sperm and egg production)
* Hymen
* Labia majora/minora
* Clitoris
* Fundus
* Areola
* Fimbriae
* Ligaments (broad, ovarian, suspensory} Function of each
* Uterus (function)
* Uterine (fallopian) tube
* Embryo
* Fetus

Students should be able to identify the following structures on a system diagram:

* Bulbourethral gland
* Seminal vesicles
* Epididymis
* Prostate gland
* Prostate gland
* Vas deferens
* Uterus (womb
* Vagina
* Uterine (fallopian) tube
* Ovaries
* Cervix
* Fimbriae