Reproductive System Learning Objectives

1. Describe the location and function of the following male reproductive structures: testes, scrotum, epididymis, vas deferens, urethra, penis, seminal vesicle, prostate gland, and Cowper's gland.

2. Describe the process of spermatogenesis. Where does it occur? Is it mitosis or meiosis?

3. Approximate the number of sperm in a normal ejaculate.

4. Describe the structure of a sperm.

5. Describe the function of FSH, LH, GnRH, and testosterone in the male. Name the endocrine gland that releases each of these hormones.

6. Describe the function and location of the following female reproductive structures: ovary, follicle, corpus luteum, oviduct or Fallopian tube, uterus, endometrium, cervix, vagina, and vulva.

7. Define ovulation. When does it occur in the female monthly cycle?

8. What is a Pap. smear?

9. Define menopause and explain why it occurs.

10. Describe the process of oogenesis and where it occurs.

11. Describe the function and name the gland that releases FSH, LH, GnRH, estrogen and progesterone in the female.

12. Describe the physical and hormonal changes of the female's monthly ovarian and menstrual cycle.


14. Describe how the following contraceptives work and comment on their effectiveness: condom, diaphragm, cervical cap, vaginal sponge, IUD, withdrawal, rhythm, Norplant implants and birth control pills.

SEXUALLY TRANSMITTED DISEASES

1. Discuss the cause, signs, prevention and treatment of AIDS.

2. Discuss the cause, signs and treatment of Genital herpes and Genital warts.

3. Discuss the cause, signs and treatment of Gonorrhea and Syphilis.

4. Discuss the cause, signs, and treatment of genital Chlamydia.

5. Aside from the pain involved with PID, why is it harmful?