**LAB SESSION 10**

**All terminologies, concepts, and figures within each exercise are required (unless otherwise specified).**

**EXERCISE 13: MALE REPRODUCTIVE SYSTEM**

Learning Objectives: Following completion of this lab, the student will be able to:

- identify the organs of the male reproductive system.
- identify the three regions of the male urethra.
- describe spermatogenesis and spermiogenesis.
- identify and describe the histological characteristics of the seminiferous tubules and the penis.
- identify the structures of the penis.
- list the function of each structure and organ of the male reproductive system.

*Note: You are not responsible for identification of the following:*

- **Figure 2:** head of epididymis; body of epididymis; tail of epididymis; cavity of tunica vaginalis; lobule; septum; spermatic cord
- **Figure 4:** secondary spermatoocyte; immature sperm
- **Figure 6:** root of penis; bulb of penis; crus of penis; dorsal vessels and nerves
- **Figure 7:** dorsal blood vessels

**EXERCISE 14: FEMALE REPRODUCTIVE SYSTEM**

Learning Objectives: Following completion of this lab, the student will be able to:

- identify the organs and structures of the female reproductive system.
- describe oogenesis.
- describe the stages of the uterine cycle and identify each phase histologically.
- identify the histological characteristics of the ovary and uterus.
- list the function of each structure and organ of the female reproductive system.

*Note: You are not responsible for identification of the following:*

- **Figure 2:** mesovarium and blood vessels; germinal epithelium
- **Figure 3:** first polar body; secondary follicle
- **Figure 5:** infundibulum; fundus of uterus; suspensory ligament
- **Figure 8:** vestibule; external urethral meatus; vaginal orifice; hymen
- **Figure 9:** all