**STUDY QUESTIONS MALE REPRODUCTIVE SYSTEM**

**VOCABULARY**

Spermatozoan Leydig cells Prostate

Seminiferous tubules Rete testis Primary spermatocyte

Spermatogenesis Epididymis Secondary spermatocyte

Meiosis Ductus deferens Spermatid

Spermiogenesis Ejaculatory ducts Myoid cells

Sertoli cells Urethra Manchette

Intercellular bridges Seminal vesicles Mediastinum testis

**OBJECTIVES AND QUESTIONS**

1. Describe the processes of spermatogenesis and spermiogenesis.
2. What is the role of sertoli cells in sperm development?
3. Fill in the following table with characteristics of the male genital tissue.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Duct | Location | Epithelium | Support tissues | Function |
| Seminiferous tubules |  |  |  |  |
| Straight tubules |  |  |  |  |
| Rete testis |  |  |  |  |
| Efferent ducts |  |  |  |  |
| Epididymal duct |  |  |  |  |
| Ductus deferens |  |  |  |  |
| Ejaculatory ducts |  |  |  |  |

1. Describe the functional significance of the accessory glands and their secretions.