

1. What is the significance of low temperature inside scrotum?
2. Define testicular lobules.
3. Distinguish between:
  - a. Male germ cells and sertoli cells
  - b. Leydig cells and sertoli cells.
4. What is ejaculatory duct?
5. Name the opening of urethra.
6. What is the size of adult testis and ovary?
7. What is fimbriae? What is its function?
8. Name three parts of oviduct. Where fertilization takes place?
9. Name three layers of uterus with one function each.
10. Name the erectile copulatory organ in
  - a. males
  - b. female
11. What is the difference between the primary sex organs and secondary sex organs?
12. Give ploidy of the following:
  - a. spermatozoa
  - b. spermatogonia
  - c. primary spermatocyte
  - d. spermatids
  - e. secondary spermatocyte
13. Distinguish between spermiation and spermiogenesis.
14. How many sperms are present in single ejaculate?
15. Define semen.
16. Distinguish between primary follicle and secondary follicle.
17. Explain Graafian follicle with diagram.
18. Distinguish between menarche and menopause.
19. Name two stages when menstrual cycle stops.
20. What is the life span of a sperm and ovum?
21. Describe placenta with its roles.
22. How placenta act as endocrine gland?
23. What is gestation period?
24. Define parturition. Explain foetal ejection reflex.
25. Name the hormone injected by doctors to induce delivery and give reason.
26. Why all copulation does not lead to pregnancy?
27. What is the role of embryonic stem cells?
28. What is the fate of inner cell mass and trophoblast of blastocyst?
29. What is colostrum? What is its function in new borne? Name antibody present in it.