

Reg. No. :

Name :

Fourth Semester M.Sc. Degree Examination, September 2019

Zoology

Special Subject – Endocrinology

ZO 242 : PHYSIOLOGY OF REPRODUCTION

(With Special Reference to Mammals)

(2013 Admission Onwards)

Time : 3 Hours

Max. Marks : 75

PART – A

Write down brief notes on **any ten** of the following. Each question carries **2** marks.

1. Germinal epithelium
2. Foetal estrogen
3. Pseudohermoprodism
4. Testes
5. Asresia
6. Desidualization
7. Parturition
8. Puberty



9. Leyding cells
10. Seminal vesicle
11. Capacitation
12. Senescence
13. Contraceptives
14. HIV
15. Syphilis

(10 × 2 = 20 Marks)

PART – B

Write short notes on **any six** of the following. Each question carries 4 marks.

16. Structure sperm
17. Penile agenesis
18. Menstrual cycle
19. Foetal membranes
20. Pubertal changes in mammary glands
21. Temperature regulation of testicular function
22. Factors affecting sperm motility
23. Menopause
24. Impact of drugs and alcoholism in reproduction
25. Importance of sex education

(6 × 4 = 24 Marks)



PART – C

Write short essays on **any three** of the following. Each question carries **7** marks.

26. Anatomy and histology of ovary
27. Types of placenta
28. Psychological and hormonal changes during adolescence
29. Birth control options
30. Sexually transmitted diseases

(3 × 7 = 21 Marks)

PART – D

Write an essay on **any one** of the following. Each question carries **10** marks.

31. Disorders of sexual differentiation
32. Structure, histology and functions of testis.

(1 × 10 = 10 Marks)

