

M.Sc. (Part-II) (Zoology) (NEP Pattern) Semester-III
03MSCZO04.2 - Core DSE Paper-IV : Mammalian Reproductive Physiology-I

P. Pages : 1

Time : Three Hours



GUG/S/25/16035

Max. Marks : 40

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- Notes :
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Illustrate your answers with suitable diagrams.

1. Describe Molecular changes and Hormonal regulations in Spermatogenesis. 8

OR

- a) Sertoli Cells.
- b) Leydig Cells.

2. Write a note on Sperm Capacitation. 8

OR

- a) Spermatozoa anomalies.
- b) Structure of Epididymis.

3. Describe prostate gland. Add a note on prostate cancer. 8

OR

- a) Seminal Vesicle.
- b) Cowper's gland.

4. Describe neural and Hormonal control in male reproductive behaviour. 8

OR

- a) Infertility.
- b) Pheromones.

5. Attempt the following. 8

- a) V.S of Testis (Only Diagram)
- b) Vas deference
- c) Mechanism of erection.
- d) Andrological diseases.
