

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

P. Pages : 1

Time : Two Hours



GUG/W/24/16035

Max. Marks : 40

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- Notes :
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Draw well labelled diagram wherever necessary.

1. Describe the development, descent and structure of the testis. 8

OR

Write notes on:

- a) Hormonal regulation of spermatogenesis. 4
- b) Sertoli cells. 4

2. Describe the structure of spermatozoa and anomalies. 8

OR

Write notes on:

- a) Epididymis 4
- b) Sperm capacitation. 4

3. Write an essay on structure and mechanism of erection of penis. 8

OR

Write notes on:

- a) Cowpers gland. 4
- b) Prostate gland 4

4. Give an account of Pheromones Add note on its function. 8

OR

Write notes on:

- a) Causes of infertility. 4
- b) Andrologically relevant diseases in advanced age. 4

5. Attempt the following. 8

- a) Functions of Leydig cells.
- b) Vas deferens
- c) Function of seminal vesicle.
- d) Mating system.
