

M.Sc.- II (Zoology) (C.B.C.S. Pattern) Sem-III
PSCZOOT10-3 - Paper-X-Special Group - Mammalian Reproductive Physiology
Paper-I : Reproductive Process in Male

P. Pages : 1

Time : Three Hours



GUG/S/19/11309

Max. Marks : 80

Notes : 1. All questions are compulsory. Draw diagram wherever necessary.

1. Write an essay on spermatogenesis. **16**

OR

- a) Give an account on Sertoli cells.
- b) Explain in brief the structure and development of testis.

2. Explain in detailed, sperm capacitation. **16**

OR

- a) Structure of spermatozoa and anomalies in detailed.
- b) State in detailed the structure and function of epididymis.

3. Give an account on Prostate Gland. **16**

OR

- a) Write in brief the structure and functions of Seminal Vesicle.
- b) Explain the Comper's gland.

4. Explain in detailed, Male reproductive behaviour. **16**

OR

- a) Structure and functions of pheromones.
- b) Give the causes and Remedies of infertility.

5. a) Structure of Leydig cells. **16**

- b) Functions of vas deferens,
- c) Explain the mechanism of erection of penis.
- d) State Andrological relevant diseases.
