

M.Sc. (Zoology) (CBCS Pattern) Third Semester
PSCZOOT11-3 - Special Group-Mammalian Reproductive Physiology
Paper-II - Reproductive Process in Female Paper-XI

P. Pages : 1

Time : Three Hours



GUG/W/18/11319

Max. Marks : 80

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

1. Describe in detail the process and hormonal control of folliculogenesis. **16**

OR

Write notes on:

- a) Differentiation of ovary
- b) Steroid hormone synthesis.

2. Describe in detail the Estrus cycle in mammals. **16**

OR

Write notes on:

- a) Corpus luteum function
- b) Mechanism of ovulation

3. Describe in detail the structure and functions of cervix. **16**

OR

Write notes on:

- a) Structure of oviduct.
- b) Types of uterus.

4. Describe in detail the Anatomy and growth of mammary glands. **16**

OR

Write notes on:

- a) Prostaglandins.
- b) Lactogenesis.

5. Attempt the following. **16**

- a) Female genital tract.
- b) Menopause.
- c) Abnormalities of uterus
- d) Galactopoiesis.
