

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

- 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.
