

[This question paper contains 1 printed pages]

Your Roll No.:

Mode of Examination: Online

Unique Paper Code : **32237910**
Name of the Paper : **Reproductive Biology (DSE)**
Name of the Course : **B.Sc. (Hons.) Zoology**
Semester : **VI (CBCS)**
Time : **2 Hours**
Maximum Marks : **75**

Instructions for Students:

Write your Roll No., Name of the paper, Course, Semester, and Date of examination on the first page of answer sheet.

Attempt **ANY FOUR** questions. All questions carry equal marks

1. The foetus is foreign tissue invading the uterus, yet the mother does not elicit an immune response against it, give reasons. Also, discuss the mechanism that inhibits complete perforation of uterine wall by the foetus.
2. Describe the effect of selective removal of Sertoli cells on spermatogenesis.
3. Suggest an experiment to demonstrate the gonadotropic regulation of folliculogenesis.
4. With reference to reproductive system, describe various types of feedback mechanisms. Add a note on their significance.
5. Describe the mechanism involved in maintaining conducive uterine environment for developing foetus during the gestation period. Why the same mechanism fails towards end of the pregnancy?
6. Discuss various types of contraceptive methods. Enlist and compare their advantages and disadvantages