

B.Sc. (CBCS Pattern) Semester-VI
USCZOT16 - DSE Core Paper-XVI - Zoology Paper-IV : Reproductive Biology

P. Pages : 1

Time : Three Hours



GUG/W/24/13370

Max. Marks : 50

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

1. Give an account on reproductive endocrine disorders in male and female. 10

OR

 - a) Gonadal hormones. 5
 - b) Sex Differentiation 5
2. Describe the structure and function of male reproductive system in human. 10

OR

 - a) Sex accessory glands. 5
 - b) Cryptorchidism. 5
3. Give an account on reproductive cycle in human and their regulation. 10

OR

 - a) Reproductive system in rat. 5
 - b) Mechanism of parturition. 5
4. Give an account on infertility in male and female. 10

OR

 - a) In vitro fertilization. 5
 - b) Assisted reproductive technology. 5
5. Write 3 to 4 lines on each of the following **any ten**. 10
 - i) Gonadogenesis.
 - ii) Hirsutism.
 - iii) Gonadal axis.
 - iv) Spermatozoa.
 - v) Androgen.
 - vi) Prostate gland.
 - vii) Corpus luteum.
 - viii) Parturition.
 - ix) HCG.
 - x) Sperm banks.
 - xi) Birth spacing.
 - xii) Copper-T.
