

USCZOT16 - DSE - Core Paper-XVI - Zoology Paper-IV : Reproductive Biology

P. Pages : 1

Time : Three Hours



GUG/S/23/13370

Max. Marks : 50

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

1. Describe the Mechanism of Hormonal action on gonads. **10**
OR
i) What are reproductive endocrine disorders in Female. **5**
ii) Erectile Dysfunction. **5**
2. Give an account of the Biochemical constituents of semen and mention function of each of them. **10**
OR
i) Describe the process of spermatogenesis. **5**
ii) Add a note on sex accessory glands. **5**
3. Describe in detail structure of ovary Add a note on corpus luteum formation. **10**
OR
i) Describe the process of Lactation and its hormonal regulation. **5**
ii) Parturition & its regulation. **5**
4. Give an account on:
Causes of infertility in Male. **10**
OR
i) Assisted Reproductive Technology? **5**
ii) Male contraceptives. **5**
5. Write in 4-5 line **any ten**. **10**
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|----------------------|------------------------|
| i) Gonadogenesis. | ii) Hormone Receptors. |
| iii) PCOS | iv) Prostate gland. |
| v) Seminal vesicles. | vi) Cryptorchidism. |
| vii) Gestation. | viii) Nipple. |
| ix) Placenta. | x) GIFT. |
| xi) "Unmet need". | xii) Copper-T. |
