

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

P. Pages : 1

Time : Three Hours



GUG/W/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. Give an account on Sex differentiation. Add a note on abnormalities of human sex development. **10**

OR

- a) Hypothalamo-Hypophyseal-Gonadal Axis. **5**
- b) Reproductive Endocrine Disorders in Female. **5**

2. Describe the structure and functions of epididymis. **10**

OR

- a) Sex Accessory Glands. **5**
- b) Biochemistry of Semen. **5**

3. Explain in detail Reproductive Cycle in human and its regulation. **10**

OR

- a) Mechanism of parturition. **5**
- b) Lactation and its regulation. **5**

4. Write an account on Causes, diagnosis and management of Infertility in Male and Female. **10**

OR

- a) Sperm bank. **5**
- b) Modern Contraceptive Measures. **5**

5. Write 4-5 lines on **any ten**. **10**

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| i) Mullerian Duct | ii) Testosterone |
| iii) Erectile Dysfunction. | iv) Cryptorchidism |
| v) Castration | vi) Epididymis |
| vii) Graafian follicle | viii) Parturition |
| ix) Folliculogenesis | x) Birth Spacing |
| xi) IVF | xii) Natural Contraceptive |
