

Please check whether you have got the right question paper.

- N.B:
1. All questions are compulsory.
  2. Figures to the right indicate full marks.
  3. Draw neat and labelled diagrams wherever necessary.

**Q. 1** Give an account of Endocrine disorders of pituitary gland. (12)

**OR**

Write short notes on:

- a) Structural features of adrenal gland (06)
- b) Biosynthesis of thyroid hormones (06)

**Q. 2** Describe in detail differentiation of ovary. (12)

**OR**

Write short notes on:

- a) Hypothalamo hypophyseal testis axis (06)
- b) Developmental abnormalities of male sex-organ (06)

**Q. 3** Describe in detail folliculogenesis. (12)

**OR**

Write short notes on:

- a) Inhibin (06)
- b) Sources of ovarian hormones (06)

**Q. 4** Write an essay on Maternal-foetal placental hormones. (12)

**OR**

Write short notes on:

- a) Fertilization (06)
- b) Parturition (06)

**Q. 5** Write short notes on (**any two**)

- a) Biosynthesis of Pancreatic Hormones (06)
- b) Genetic abnormalities of female sex organs (06)
- c) Endocrine regulation of ovarian functions (06)
- d) Conception (06)

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