1. Answer as directed:
   (1) Write the location and function of Leyding cells.
   (2) Describe in brief hormone.
   (3) Write full form of: (a) ACTH  (b) T₄.
   (4) Enlist the steroid hormones.
   (5) What is Cushing’s syndrome?
   (6) Explain: Neurohypophysis

2. Describe in detail the histology & physiological functions of Adrenal cortex.  
   OR
2. Describe in detail the histology & physiological functions of adenohypophysis.
3. Describe in detail the histology and physiological functions of Ovary.  
   OR
3. Answer the following question.
   (a) Write a note on Thyroid abnormalities
   (b) Describe in brief histology of testes

4. Write short notes: (any two)
   (a) Characteristics of hormone
   (b) Regulation of Pituitary hormones.
   (c) Hyperactivity of Pituitary gland.