

**B.Sc. 3<sup>rd</sup> Semester Sessional Examination-2023**  
**Sub: Zoology (Honours)**  
**Paper: Animal Physiology: Controlling and Coordinating Systems**  
**Paper Code: ZOO-HC-3026**  
**Full Marks: 20**  
**Time: 1 Hr**

*The figures in the margin indicate full marks for the questions*

1. Answer the following questions (**Any five**): 1×5=5
  - a. Islets of Langerhans is the exocrine part of Pancreas. (**True/False**)
  - b. Fertilization occurs in the .....region of fallopian tube. (**Fill in the blank**)
  - c. Name the sterilization technique employed in man.
  - d. Define Menarch.
  - e. The hormone responsible for most of the male pubertal changes is .....  
(**Fill in the blank**)
  - f. Ovulation occur on the 14 days of the menstrual cycle. (**True/False**)
  
2. Write short notes on (**Any two**): 2½+2½=5
  - a. Role of Pituitary gland
  - b. ADH
  - c. Cushing's Syndrome
  - d. Adrenal gland
  
3. Answer **any one** of the following questions: 1×10=10
  - a. What is a hormone? Give an account of different types of hormones secreted by endocrine glands. 2+8=10
  - b. Describe the stages of Oogenesis with suitable diagram.
  - c. Write a note on Puberty changes in females.

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