

SHIVAJI COLLEGE, UNIVERSITY OF DELHI
DEPARTMENT OF BIOCHEMISTRY
INTERNAL TEST (Academic Year 2023-24)

Name of the Course: B.Sc (H) Biochemistry

Semester: IV

Name of the Paper: Hormones: Biochemistry and Functions

Maximum Marks: 30

Faculty Name: Dr. Renu Baweja

Date of Test: 04/04/2024

Duration: 1 hour

Maximum Marks: 30

Q.1. Justify the following statements:

- a. Growth hormone is considered to be a tropic hormone
- b. Pituitary is a dual gland both functionally and anatomically
- c. Insulin regulates fuel metabolism

(2,4,5)

Q.2. Differentiate between following pairs:

- a. Gigantism and Dwarfism
- b. Diabetes Mellitus and Diabetes Insipidus
- c. Long loop and short loop feedback regulatory mechanisms of hormone secretion (3,3,4)

Q.3. Give the role of following:

- a. Gastrin hormones
- b. Oxytocin
- c. Glucagon

(4,2,3)

Faculty Signature:

Renu
4/4/2024