UNIVERSITY OF THE PUNJAB

B.S. 4 Years Program / Eighth Semester – Spring 2023

Roll No.
Time: 3 Hrs. Marks: 60

Paper: Bio Chemistry (Sp. Theory-II)

Course Code: CHEM-438

THE ANSWERS MUST BE ATTEMPTED ON THE ANSWER SHEET PROVIDED

Q.1. Answer the following short questions.

(15x2=30)

- 1. Write general composition of Blood?
- 2. Draw structure of Porphyrin?
- 3. What is the difference between Plasma and Serum?
- 4. Write down the composition Urine?
- 5. Write down the Importance of CSF?
- 6. What do you understand by Coagulant agents of blood?
- 7. Draw structure of Liver?
- 8. Define Pheromones?
- 9. Write down the function of parathyroid hormones?
- 10. Differentiate between extracellular and intracellular fluid?
- 11. Name some disorders of Endocrine system?
- 12. Write down the detoxification function of kidney?
- 13. Write down function of adrenal gland?
- 14. Write down the biosynthesis of hemoglobin?
- 15. What is mechanism action of pituitary gland?
- Q.2. Answer the following questions.

(3x10=30)

- 1. Briefly describe the detoxification function of Liver?
- 2. Describe mechanism of action of Thyroid Hormones?
- 3. Describe in detail the composition of CSF and Blood plasma?