

UNIVERSITY OF THE PUNJAB

B.S. 4 Years Program / Third Semester – Spring 2022

Paper: Zoology-III (Biochemistry) Course Code: ZOOL-201

Roll No	
Time: 3 Hrs.	

THE ANSWERS MUST BE ATTEMPTED ON THE ANSWER SHEET PROVIDED

Q.1. Answer the following short questions:

(6x5=30)

- i. Non-standard amino acids, their structure and role
- ii. Tertiary and Quaternary structure of proteins
- iii. How enzymes work
- iv. Disaccharides, their types, structure and function
- v. Population dynamics and regulations
- vi. Genetic drift

Answer the following questions.

(3x10=30)

- Q.2 Describe Structure and major functions of polysaccharides
- Q.3 Write a comprehensive note on the nature and origin of life.
- Q.4 Give comprehensive note on basic population characters, growth and growth curves