

Rajiv Gandhi University of Health Sciences, Karnataka

II Semester B. Sc Nursing Degree Examination - 16-Dec-2025

Time: Three Hours

Max. Marks: 25

APPLIED BIOCHEMISTRY – SECTION - B

Q.P. CODE: 1780

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1779 and 1780 are to be answered within total duration of 3 hours)

SHORT ESSAYS

3 x 5 = 15 Marks

1. Describe briefly about the types of glucose tolerance tests (GTT).
2. Name different lipoproteins and mention their important properties and role.
3. Define plasma proteins. Explain the functions of plasma proteins.

SHORT ANSWERS

3 x 2 = 6 Marks

4. Name the bases produced by the body.
5. What are the Laboratory findings in a case of obstructive jaundice?
6. What is the clinical Significance of uric acid in our body?

Multiple Choice Questions

4 x 1 = 4 Marks

7. Enzyme that hydrolyzes sucrose is
 - A. Invertase
 - B. Amylase
 - C. Lactase
 - D. Maltase
8. Enzyme activity is commonly expressed by
 - A. Ka Units
 - B. Katal Units
 - C. International Units
 - D. Somogyi Unit
9. The normal pH of urine varies between:
 - A. 2 – 4
 - B. 4 – 6
 - C. 6 – 8
 - D. 8 – 10
10. The Helper T cells have surface antigen called
 - A. CD2
 - B. CD3
 - C. CD4
 - D. CD5
