

# Rajiv Gandhi University of Health Sciences, Karnataka

## II Semester B. Sc Nursing Degree Examination - 17-Dec-2024

**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. Define Hypoglycemia. Describe the causes of hypoglycemia
2. Define phospholipids and give examples of common phospholipids with their function.
3. Define electrophoresis and explain about the types of electrophoresis

**SHORT ANSWERS****3 x 2 = 6 Marks**

4. Name the acids produced by the body
5. What is Heme degradation pathway?
6. List the tests for glomerular function

**Multiple Choice Questions****4 x 1 = 4 Marks**

7. The minimum period of fasting for blood sample for glucose estimation should be:  
A. 4-6 hours  
B. 6-8 hours  
C. 8-10 hours  
D. 10-12 hours
8. Most Co Enzymes are derived from  
A. Vitamin A  
B. Vitamin B  
C. Vitamin C  
D. Vitamin D
9. The buffer which has special importance in buffering pH in the extracellular fluid is:  
A. Protein buffer  
B. Phosphate buffer  
C. Haemoglobin buffer  
D. Bicarbonate buffer
10. The primary response antibody is  
A. IgG  
B. IgM  
C. IgD  
D. IgE

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