

# Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – Mar 2013

Time: 3 Hours

Max. Marks: 38 Marks

## Biochemistry

**Q.P. Code : 1739**

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary  
(Note : Both QP Codes 1739 and 1740 are to be answered within total duration of 3 hours)

### LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Explain factors affecting enzymes activity.
2. Write a note on glucose tolerance test. How blood glucose is regulated & Explain.

### SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Clinical applications of serum enzymes
4. Secondary structures of proteins
5. Gout
6. Urea cycle
7. Classification and functions of lipoproteins

### SHORT ANSWERS

4 x 2 = 8 Marks

8. Name any three electrolytes and their normal values.
9. Coenzymes
10. Any four functions of plasma proteins.
11. Hyperglycemia

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