

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – Aug 2013

Time: 3 Hours

Max. Marks: 40 Marks

Biochemistry **Q.P. Code : 1678**

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary

(Note : Both QP Codes 1677 and 1678 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Describe the steps involved in the synthesis and utilization of ketone bodies. Add a note on ketosis.
2. Describe the sources, RDA, functions and deficiency manifestations of Vitamin A.

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Role of kidney in acid base balance
4. Biologically important compounds formed from Glycine
5. Diagnostically important serum enzymes
6. Significance of HMP pathway
7. BMR and factors affecting BMR

SHORT ANSWERS

5 x 2 = 10 Marks

8. Heat coagulation Test
9. Hyperglycemia
10. Pellagra
11. Lactose Intolerance
12. Dietary fibre
