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 OP Codes 1677 and 1678 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

- 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

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

SHORT ANSWERS

5 x 2 = 10 Marks

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