

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – May 2016

Time: 3 Hours

Max. Marks: 40 Marks

Biochemistry

Q.P. Code: 1749

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

(Note: Both QP Codes 1748 and 1749 are to be answered within total duration of 3 hours)

LONG ESSAYS (Any One)

1 x 10 = 10 Marks

1. Describe β -oxidation of fatty acids. Add a note on its energetics.
2. Describe urea cycle. Mention the disorders of urea cycle.

SHORT ESSAYS (Any Three)

3 x 5 = 15 Marks

3. Renal regulation of acid base balance.
4. Give an account of digestion of carbohydrates.
5. What are Lipoproteins? Mention their functions.
6. Functions of Calcium, add a note on hypocalcaemia.

SHORT ANSWERS (Answer All)

5 x 3 = 15 Marks

7. Glycosuria.
8. Name water soluble vitamins.
9. Essential amino acids.
10. Significance of Gluconeogenesis.
11. Marker enzymes in myocardial infarction.

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