

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – OCTOBER 2015

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. Explain the process of digestion and absorption of carbohydrate.
2. Name ketone bodies. Note on Ketogenesis and ketosis.

SHORT ESSAYS (Any Three)

3 x 5 = 15 Marks

3. Maintenance of acid base balance
4. Glycogenesis
5. Classification of lipids
6. Urea cycle

SHORT ANSWERS

5 x 3 = 15 Marks

7. What are anti oxidants?
8. List four examples of steroid hormones.
9. Cori cycle
10. Enumerate the composition of cell.
11. Define Transamination. Write normal value of SGOT and SGPT.

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