

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – APRIL 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. Discuss the mechanisms that maintain the blood glucose level.
2. Describe the digestion and absorption of proteins.

SHORT ESSAYS (Any Three)

3 x 5 = 15 Marks

3. Biosynthesis and regulation of Cholesterol
4. Describe the factors influencing enzyme activity.
5. Briefly describe the types of immunoglobins.
6. Explain the lipoproteins and their functions.

SHORT ANSWERS

5 x 3 = 15 Marks

7. Write the normal range of (a) Serum Sodium (b) Serum Calcium.
8. Mitochondria
9. Write three functions of Vitamin A.
10. Ketosis
11. Benedict's test

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