

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – September 2014

Time: 3 Hours

Max. Marks: 30 Marks

Biochemistry

Q.P. Code: 1756

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

(Note: Both OP Codes 1755 and 1756 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. What is Gluconeogenesis? Explain Tricarboxylic Acid Cycle.
2. Describe the digestion and absorption of proteins.

SHORT ESSAYS (Answer any Two)

2 x 5 = 10 Marks

3. Explain the Glucose tolerance test.
4. Explain the mechanisms that maintain pH of Blood.
5. Briefly describe the types of immunoglobulin.

SHORT ANSWERS

5 x 2 = 10 Marks

6. Write the normal range of (a) Serum Calcium, (b) Serum Potassium.
7. Golgi apparatus
8. Functions of Vitamin D
9. Electrophoresis
10. Sodium Pump

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