

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – SEP-2017

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 aerobic glycolysis. Note on its energetics
2. Describe the sources, functions and deficiency disorders of riboflavin.

SHORT ESSAYS (Any Three)

3 x 5 = 15 Marks

3. Digestion and Absorption of protein
4. Classify carbohydrates with examples and note on heteropolysaccharides
5. Lipoproteins and their functions
6. Classify enzymes. Give examples of each class.

SHORT ANSWERS

5 x 3 = 15 Marks

7. Normal level of blood urea, creatinine, cholesterol, bilirubin
8. What are essential amino acids? Give four examples.
9. Define free radicals. Give two examples.
10. List four functions and deficiency of phosphorus.
11. Benedict's test

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