

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – SEP-2018

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 QP 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. Describe glycolysis. Add a note on its energetics.
2. Describe the sources, RDA, biochemistry, functions and deficiency manifestations of Vitamin D.

SHORT ESSAYS (Answer any Two)

2 x 5 = 10 Marks

3. Competitive inhibition with examples
4. Name plasma proteins and mention their functions.
5. Define Electrophoresis. Mention the factors affecting, types and uses of Electrophoresis.

SHORT ANSWERS (Answer all)

5 x 2 = 10 Marks

6. Pellagra
7. Compounds synthesized from cholesterol
8. Essential amino acids
9. Benedict's test
10. Mention the normal serum levels of (a) Urea (b) Creatinine (c) Potassium (d) Chloride
