

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – May 2016

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. Give the sources, biochemistry, functions, deficiency manifestations and R.D.A of vitamin A.
2. What is the normal pH of blood? Describe the role of lungs and kidneys in the maintenance of normal Blood pH.

SHORT ESSAYS (Answer any Two)

2 x 5 = 10 Marks

3. Synthesis and significance of ketone bodies
4. Discuss biochemical functions of Thiamine.
5. GTT

SHORT ANSWERS (Answer all)

5 x 2 = 10 Marks

6. Dietary fibres
7. Essential Amino-acids
8. Anti-oxidants
9. Normal blood values of (a) Total Cholesterol (b) Urea
10. Conjugated proteins
