

Rajiv Gandhi University of Health Sciences, Karnataka
I Year B.Sc. Nursing Degree Examination – APRIL-2019

Time: 3 Hours**Max. Marks: 30 Marks**

Biochemistry
(RS-3 & RS-4)
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 Gluconeogenesis. Describe in detail about the pathway of gluconeogenesis.
2. Write the chemistry and biochemical functions of B-complex vitamins.

SHORT ESSAYS (Answer any Two)**2 x 5 = 10 Marks**

3. Describe the fluid mosaic structure of cell membrane.
4. Explain the lock and key model of enzyme action.
5. Urea cycle.

SHORT ANSWERS (Answer all)**5 x 2 = 10 Marks**

6. Write the four functions of bilirubin.
7. Write the precautions need to be taken before performing GTT.
8. Essential amino acids.
9. Function of Vitamin A.
10. Write the normal level of a) Serum albumin and b) Serum protein.
