

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: 3 Hours

Max. Marks: 40 Marks

Biochemistry

Q.P. Code: 1678

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

(Note: Both QP Codes 1677 and 1678 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Write the reactions of citric acid cycle. Add a note on the importance of this pathway.
2. Describe the classification, functions, sources and recommended daily allowances of proteins.

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Functions of Vitamin B₁₂ and add a note on deficiency of Vitamin B₁₂.
4. Metabolic Alkalosis
5. Theory of Ionization
6. Digestion of lipids
7. Kidney function tests

SHORT ANSWERS

5 x 2 = 10 Marks

8. Polysaccharides
9. Serum electrolytes
10. Nature of salts
11. What are anti-oxidants? Give two examples.
12. Benedict's test
