

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – OCT-2019

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. What is glycolysis? Explain aerobic glycolysis in detail with energetics.
2. Explain the digestion and absorption of carbohydrates. Add a note on Lactose intolerance.

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Explain Active and Passive Transport Mechanism.
4. Write the Urea cycle and its regulation.
5. Explain Electrophoresis and applications.
6. Write a short note on functions for calcium.
7. Explain Denaturation of Proteins.

SHORT ANSWERS

5 x 2 = 10 Marks

8. Four functions of Golgi bodies.
9. Define Fructosuria.
10. Functions of Bile Salts.
11. Deficiency of Vitamin Niacin
12. Write four functions of Collagen.
