

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – OCT-2018

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 Glycolysis. Add a note on its energetics.
2. Give the sources, RDA, functions and deficiency manifestations of Vitamin A.

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Classify proteins based on their functions.
4. Define Basal Metabolic Rate (BMR). Add a note on the factors affecting basal metabolic rate.
5. Biologically important compounds formed from Glycine.
6. Digestion of lipids
7. Renal function tests.

SHORT ANSWERS

5 x 2 = 10 Marks

8. Beri-beri
9. Vanden Bergh Test.
10. Benedict's Test.
11. Marker enzymes of myocardial infarction.
12. Normal Serum levels of.
(a) Cholesterol (b) Random Glucose.
