

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – OCTOBER 2015

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. Describe the normal physical characteristics of urine and write on chemical components of urine and their significance.
2. Classify Carbohydrates. Explain the metabolism of Carbohydrates.

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Creatinine clearance test
4. Respiratory Alkalosis
5. Renal regulations of Blood pH
6. Describe the digestion of proteins. How are the amino acids absorbed?
7. Explain the lipoproteins and their functions.

SHORT ANSWERS

5 x 2 = 10 Marks

8. Hyperglycaemia
9. Pellagra
10. Functions of Vitamin A
11. Dietary sources of Vitamin K
12. Write the normal range of (a) Serum Cholesterol, (b) Serum Bilirubin, (c) Fasting Blood Sugar and (d) Blood Urea.
