

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – APRIL 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. What is Homeostasis? Explain the factors maintaining Homeostasis of Blood.
2. Mention rich sources and RDA of Vitamin C. Discuss in detail about its functions and deficiency manifestations.

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Creatinine clearance test
4. Absorption of glucose in the intestine
5. Metabolic acidosis
6. Lipoproteins
7. Explain the chemistry of digestion of Proteins.

SHORT ANSWERS

5 x 2 = 10 Marks

8. Essential amino acids
9. Beriberi
10. Nature of Acid and Base
11. Bile salts in urine
12. Write the normal blood levels of (a) Urea, (b) Sodium, (c) Potassium and (d) Calcium.
