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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (M.L.T) Degree Examination – Sep 2012

Time: 3 Hours

Max. Marks: 40 Marks

Biochemistry

Q.P. Code : 1603

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

(Note : Both QP Codes 1602 and 1603 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Define carbohydrates. Classify carbohydrates with examples
2. Define equivalent weight. How is the equivalent weight determined? Draw a neat diagram of PH meter

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Denaturation of protein
4. Add a note on different types of balances
5. Functions of Nucleotides
6. Watson – crick model of DNA structure
7. Isoelectric PH of proteins

SHORT ANSWERS

5 x 2 = 10 Marks

8. Epimerism
9. How do you prepare 100ml of 0.05N H₂SO₄
10. t RNA
11. Ion selective electrode
12. Non reducing sugars

