



## Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (M.L.T) Degree Examination – May 2016

**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. Classify proteins on the basis of functions. Give examples.
2. Explain Beer-Lambert's law and the working of a colorimeter with the help of a neatly labeled diagram.

**SHORT ESSAYS (Answer any Four)**

**4 x 5 = 20 Marks**

3. Lipoproteins and their Biological significance
4. Types of centrifuges and their maintenance
5. Disaccharides of biological importance
6. Biologically important peptides
7. Color reactions of Proteins

**SHORT ANSWERS**

**5 x 2 = 10 Marks**

8. Invert sugar
9. t-RNA
10. Essential fatty acids
11. Physiologically important buffers in the body
12. Dalton's theory

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