

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - DEC 2016

Time: Three Hours

Max. Marks: 40 Marks

BIOCHEMISTRY

Q.P. CODE: 1153

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

(Note: Both QP Codes 1152 and 1153 are to be, answered within total duration of three hours)

LONG ESSAYS

1 x 10 = 10 Marks

1. a) What is the normal level for Serum Calcium?
b) Write in detail about dietary sources, biochemical functions and deficiency manifestations of Calcium.

SHORT ESSAYS

3 x 5 = 15 Marks

2. Wald's Visual Cycle
3. Functions of Phospholipids
4. Phenyl Ketonuria

SHORT ANSWERS

5 x 3 = 15 Marks

5. Mention different types of RNA and its functions.
6. What are the important products derived from Glycine.
7. Name any three Serum diagnostic enzymes and its clinical importance.
8. What is the significance of Hexose Mono Phosphate (HMP) Shunt Pathway
9. a) Name the hormone that decreases Blood Glucose level.
b) What are the Plasma Glucose reference values for Fasting and Post Prandial Samples?
