



Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - Dec-2014

Time: Three Hours

Max. Marks: 35 Marks

BIOCHEMISTRY, NUTRITION & DIETICS

Q.P. CODE: 1180

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1179 and 1180 are to be, answered within total duration of three hours)

LONG ESSAYS

1 x 10 = 10 Marks

1. Describe the Chemistry, sources, requirement, metabolic functions and deficiency manifestations of Vitamin A.

SHORT ESSAYS

3 x 5 = 15 Marks

2. Explain Digestion and Absorption of Lipids.
3. Describe the hormonal regulation of blood glucose.
4. Explain the structure of Deoxyribo Nucleic Acid (DNA) with a labeled diagram.

SHORT ANSWERS

5 x 2 = 10 Marks

5. What are Isoenzymes? Give two examples.
6. Essential Fatty Acids
7. Glycogen
8. Lactose Intolerance
9. a) Name a Vitamin, which act as Antioxidant.
b) Name a Vitamin, which act as Steroid Hormone.
