

Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - June 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. What is the significance of Glycogen? Discuss in detail Glycogen synthesis.

SHORT ESSAYS

3 x 5 = 15 Marks

2. Structure and functions of Immunoglobulins
3. Coenzyme forms and functions of Vitamin B₁₂
4. Define and classify Enzymes with examples.

SHORT ANSWERS

5 x 2 = 10 Marks

5. What is Fatty Liver? Write any two causes for Fatty Liver.
6. Define Essential Amino Acids and name them.
7. Kwashiorkor
8. Write any four differences between Deoxyribo Nucleic Acid (DNA) and Ribo Nucleic Acid (RNA).
9. Define (a) Isoelectric pH, (b) Denaturation.

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