



Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - 21-Nov-2020

Time: Three Hours

Max. Marks: 35 Marks

BIOCHEMISTRY, NUTRITION AND DIETICS (RS3)

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 Citric Acid Cycle (TCA cycle). Add a note on its energetics.

SHORT ESSAYS

3 x 5 = 15 Marks

2. Biochemical functions and deficiency manifestations of Vitamin C.
3. Renal regulation of Acid-Base balance.
4. Biologically important compounds formed from Phenyl alanine and Tyrosine.

SHORT ANSWERS

5 x 2 = 10 Marks

5. Fluorosis.
6. Dietary fibers.
7. Essential fatty acids.
8. mRNA.
9. Mention the normal serum levels of
 - a) Phosphorus
 - b) Alkaline phosphatase
