

Rajiv Gandhi University of Health Sciences, Karnataka
M.D. Degree Examination – MAY-2019

Time: Three Hours

Max. Marks: 100 Marks

BIOCHEMISTRY - PAPER – III
Enzymes, Nutrition and Specialized Tissues
Q.P. CODE: 7317

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

Answer All The Questions

10 X 10 = 100 Marks

1. Total Parenteral Nutrition
2. K_m value and its significance
3. Blood Calcium Homeostasis
4. Nutritional significance of Dietary Fibre
5. Markers of Bone Turnover
6. Regulation of Enzyme activity
7. Balanced diet for a child suffering from Protein Energy Malnutrition
8. Explain sources, RDA, functions and deficiency manifestations of Folic Acid. add a note on Folate Antagonists.
9. Deficiency manifestations of Pyridoxine
10. Discuss risk factors, Genetic changes, Metabolic derangements and Hormonal regulation of Adipose Tissue Metabolism seen in obesity.

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