

# Rajiv Gandhi University of Health Sciences

## M.D. Degree Examination - MAY-2018

[Time: 3 Hours]

[Max. Marks: 100]

**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. Explain the various types of inhibition of enzyme activity with suitable examples.
2. Describe the sources, factors affecting absorption and daily requirement of iron. Add a note on iron deficiency anemia.
3. Blood group antigens.
4. Dietary fibre.
5. Nitric oxide.
6. Mechanisms of enzyme action.
7. Cytoskeleton.
8. Protein energy malnutrition.
9. Specific dynamic action of foods.
10. Methemoglobinemias.

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