

**Q.P.CODE:150-NR**

DR NTR UNIVERSITY OF HEALTH SCIENCES:: VIJAYAWADA

M.D. DEGREE EXAMINATION – **APRIL, 2019****BIOCHEMISTRY**

Paper-III : Hormones and Nutrition

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

All questions carry equal marks

Draw neat diagrams wherever necessary

WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Explain different means of identification of Isoforms of an enzyme
- 2) Collagen structure
- 3) Iron absorption and physiological importance of iron
- 4) Explain fluid mosaic model of membrane. Add a note on structure – function relationship of membrane with suitable examples
- 5) Explain the mechanisms of regulation of enzyme activity with suitable examples
- 6) Dietary fibres
- 7) Tandem enzymes
- 8) G proteins
- 9) Explain the various indices to assess protein quality
- 10) What are the factors you consider when prescribing a diet for person with liver cirrhosis?

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