

Q.P.CODE:148-NR

DR NTR UNIVERSITY OF HEALTH SCIENCES:: VIJAYAWADA
M.D. DEGREE EXAMINATION – MAY, 2017

BIOCHEMISTRY

Paper-I: Physical chemistry and organic chemistry.

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) Biologically important peptides
- 2) Protein sequencing
- 3) Explain different types of enzyme specificity with examples
- 4) Explain structure, function and disorders of golgi complex
- 5) Electron transport chain and chemiosmotic hypothesis
- 6) Pathophysiology and biochemical picture of multiple myeloma
- 7) Cell fractionation
- 8) Structure – function relationship of collagen
- 9) Application of radioisotopes in Biochemistry
- 10) Explain principle, application and instrumentation of isoelectric focusing.
