

151-NR

DR NTR UNIVERSITY OF HEALTH SCIENCES:: VIJAYAWADA

M.D. DEGREE EXAMINATION – NOVEMBER, 2016

BIOCHEMISTRY

Paper-IV : Clinical Biochemistry

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) Pancreatic Function Tests
- 2) Analytical issues of parathyroid hormones
- 3) Classify the tumor markers. Discuss the role of molecular markers for cancer diagnosis
- 4) Pre analytical errors in laboratory
- 5) Discuss the biochemical basis of complications of diabetes mellitus and Gestational Diabetes Mellitus
- 6) Discuss laboratory monitoring in renal failure
- 7) Fetal lung maturity testing
- 8) Write short notes on:
 - a) Gene Libraries
 - b) DNA finger printing
- 9) Evaluation of nutritional anemia
- 10) Discuss role of laboratory in prenatal screening

- - -