

Q.P.CODE:150-NR

DR NTR UNIVERSITY OF HEALTH SCIENCES:: VIJAYAWADA
M.D. DEGREE EXAMINATION – MAY, 2017
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) Disorders of copper metabolism
- 2) Competitive inhibition of enzymes and its clinical applications
- 3) Posterior pituitary hormones
- 4) Write a note on the biochemical and pathophysiological features related to PTH (Parathyroid hormone) and PTHr P (PTH related Proteins)
- 5) Apoptosis
- 6) Dietary modifications in renal disease
- 7) Explain various biochemical functions of iron
- 8) Metabolic functions of Vitamin A
- 9) Nutritional anemias
- 10) Renal mechanism of acid-base regulation
