

Q.P.CODE:160-NR

DR NTR UNIVERSITY OF HEALTH SCIENCES:: VIJAYAWADA
M.D. DEGREE EXAMINATION – **APRIL, 2018**

PHYSIOLOGY

Paper-I : General Physiology and recent advances including nerve, muscle
Physiology.

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

Draw diagrams wherever necessary

All questions carry equal marks

Draw neat diagrams wherever necessary

WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Biological control system
 - 2) Correction, error and feedback gain
 - 3) Cell adhesion molecules
 - 4) Radio Immuno Assay
 - 5) Intracellular ligands
 - 6) Transcytosis
 - 7) Dynamics of buffering
 - 8) Energy source and metabolism in muscle
 - 9) Muscular dystrophy
 - 10) Second degree nerve injury
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