

Q.P.CODE:163-NR

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

SYSTEMIC PHYSIOLOGY

Paper-IV : Applied Physiology

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) Ion channel diseases
- 2) Myasthenia Gravis
- 3) Body response to Starvation
- 4) Erythremia
- 5) Pheromones and their role in neuroendocrine response.
- 6) Emphysema
- 7) Alkalemia
- 8) Anaerobic glycolysis
- 9) Normal Prothrombin Time, International normalized ratio and clinical significance
- 10) Hypermetamorphosis
