

163-NR

Dr. NTR University of Health Sciences::Vijayawada-520 008
M.D. DEGREE EXAMINATION – NOVEMBER, 2016

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) Discuss the pathophysiology of asthma
- 2) Discuss the role of B-Lymphocytes in immunity
- 3) Discuss changes occurring at high altitude. Add a note on acute mountain sickness
- 4) Discuss regulation of biological rhythms
- 5) Response of the body to starvation
- 6) Discuss changes occurring during male puberty with hormonal control
- 7) Compare effects of right and left heart failure
- 8) Discuss factors regulating hemopoiesis
- 9) Describe micturition reflex
- 10) Explain the significance of Genetic code.
