

162-NR

DR NTR UNIVERSITY OF HEALTH SCIENCES:: VIJAYAWADA
M.D. DEGREE EXAMINATION – NOVEMBER, 2016

SYSTEMIC PHYSIOLOGY

Paper-III : CNS, CVS, RS and Special Senses

Time: 3 Hours

Max. Marks: 100

Note: Answer all questions
Draw diagrams wherever necessary
All questions carry equal marks

WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Metabolic properties of cardiac muscle
 - 2) Regulation of Blood Pressure
 - 3) Respiratory adaptation to exercise
 - 4) Chemical regulation of respiration
 - 5) Arrangement and functions of motor neurons in the ventral horn
 - 6) Afferent pathways showing lateral inhibition
 - 7) Functions of limbic system
 - 8) Purkinje Shift
 - 9) Olfactory pathways
 - 10) Endolymphatic potential
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