

162-NR

M.D. DEGREE EXAMINATION – OCTOBER, 2014

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) Events during ventricular systole
 - 2) Application of law of Laplace in cardio-respiratory system
 - 3) Critical survival altitude
 - 4) Physiology of pulmonary oedema
 - 5) Electrical and ionic events in receptors
 - 6) Organization and function of Autonomic nervous system
 - 7) Connections and functions of Prefrontal lobes
 - 8) Depth of focus
 - 9) Factors affecting Taste sensation
 - 10) Theories of Pitch discrimination
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