

160-NR

M.D. DEGREE EXAMINATION – APRIL, 2014

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

WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Intercellular junctions.
- 2) Role of vesicular transport proteins in vesicular transport.
- 3) Mechanisms of apoptosis.
- 4) Mechanism of active transports, add a note on action of cardiac glycosides on it.
- 5) Formation and functions of lymph.
- 6) Electronic potentials.
- 7) Molecular basis of smooth muscle contraction.
- 8) Sarcotubular system.
- 9) Refractory period in skeletal and cardiac muscle.
- 10) Denervation hypersensitivity.
