

Q.P.Code:303379

REG. No:.....

Final Year M.Sc Medical Physiology Degree Examinations, September 2014

Time: 3 hrs

Max. Marks:- 100

PAPER III

Nervous System, Special Senses, Muscle and Nerve Physiology

- ***Answer all the questions***
- ***Draw diagrams wherever necessary***

Essay: (20)

1. Discuss Physiology of Pain in detail

Short Essays: (8x10=80)

2. Physiology of olfactory and gustatory sensations.
3. De-cerebrate and decorticate rigidity.
4. Conditioned reflexes.
5. Parkinson's syndrome and its neurophysiological basis.
6. Compare contractile mechanism in skeletal, smooth and cardiac muscles.
7. Generator potential and action potential.
8. Neurophysiology of memory
9. Chemical changes taking place during muscular contraction.
