

Q.P.Code:303379

REG. No:.....

Final Year M.Sc Medical Physiology Degree Examinations, September 2016

Time: 3 hrs

Max. Marks:- 100

Nervous System, Special Senses, Muscle and Nerve Physiology

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

Essay:

(20)

1. With the help of a diagram describe how pain sensation is carried from an injury in the lower limbs. Add a note on central analgesic system.

Short Essays:

(8x10=80)

2. Degeneration and regeneration of nerve fibres.
3. Common errors of refraction.
4. Inhibition at synapses.
5. Role of hypothalamus in food intake.
6. Components and functions of middle ear.
7. Molecular mechanism of muscle contraction in skeletal and smooth muscle.
8. EEG waves seen during sleep.
9. Connections and functions of basal ganglia.
