

Q.P. Code: 303379

Reg. No:.....

**Third Year M.Sc Medical Physiology Degree Regular/Supplementary
Examinations October 2025**

Nervous System, Special Senses, Muscle and Nerve Physiology

Time: 3 hrs

Max. Marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:

(20)

1. Describe how skilled movements are planned and carried out

Short Essays:

(8x10=80)

2. Explain excitation contraction coupling in skeletal muscle
3. Genesis of membrane potential
4. Major nuclei, connections and functions of hypothalamus
5. Wallerian degeneration
6. What is Broca's area, describe motor aspects of communication
7. Length tension relationships in muscles
8. Neural pathway of taste
9. Synaptic inhibition in nervous system
