

Q.P. Code: 303379

Reg. No:.....

**Third Year M.Sc Medical Physiology Degree Regular/Supplementary
Examinations November 2020**

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. Name the nuclei of Basal Ganglia, explain the afferent and efferent connections.

Add a note on Parkinson's disease.

Short Essays:

(8x10=80)

2. Enumerate the differences between REM and NON- REM sleep
3. Trace the pain pathway and add a note on analgesic system in the body
4. Define tone of a muscle. How is maintained
5. Dark adaptation
6. Tests for hearing
7. Describe neuro-muscular transmission and diseases affecting the transmission
8. Trace the visual pathway and the lesions at different levels
9. What is . Refractory period. All or None law. Summation."
