

No. of Printed Pages: 1

Roll No.....

**JAMIA HAMDARD
DEPARTMENT OF PHYSIOTHERAPY
SCHOOL OF NURSING SCIENCES & ALLIED HEALTH**

MPT 1st YEAR (NEUROLOGY), ANNUAL EXAMINATION, MAY 2024

BASIC HEALTH SCIENCES (THEORY)

PAPER CODE: MTN – 161

Time: 3 Hours

Maximum Marks: 75 Marks

(Write your Roll No. on top of the paper immediately)

All sections are compulsory. Draw diagrams wherever necessary. Give examples wherever necessary.

SECTION – A

Answer any **FIVE** of the following:

(5 × 5 Marks = 25 Marks)

- Q1.** Neuron and Reflex Arc
- Q2.** Synapse
- Q3.** Pharmacodynamics
- Q4.** Blood Supply of Brain
- Q5.** CT Scan
- Q6.** Inflammation

SECTION - B

Answer any **TWO** of the following:

(2 × 10 Marks = 20 Marks)

- Q1.** Describe the classification, effect, side-effects of Skeletal Muscle Relaxants?
- Q2.** Explain the procedure and role of MRI scan in Neurological diseases?
- Q3.** Describe the Clinical course, clinical features, and pathology of Multiple Sclerosis?

SECTION - C

Answer any **TWO** of the following:

(2 × 15 Marks = 30 Marks)

- Q1.** Explain in detail the classification, clinical features, and pathology of Stroke?
- Q2.** Define Neural Plasticity. Describe the Physiology of Muscle Contraction?
- Q3.** Describe the structure of spinal cord. Explain in detail the Ascending and Descending tracts?
