Registration No:

Total Number of Pages: 01

Course: MPT

SUBJECT : Physiotherapy in Clinical Assessment & Diagnosis of Neurology

SUB_CODE: 23MPT2N3

(2st Year MPT) Examination: 2023-24 (Admitted Batch)

BRANCH: Physiotherapy

Q. CODE: A388

Max Time: 3 Hours   Max Marks: 80   Sitting: 1st , 10.00 AM to 1.00 PM

Any Question having parts should be answered as whole at one place only.

Illustrate answer with diagrams wherever relevant / required if any)

The figures in the right-hand margin indicate marks.

Answer any 5 out of 7. Q8 is compulsory

Q 1   What is virtual rehabilitation? Discuss its types, applications, advantages, and disadvantages in   (1 x 15 Marks)
central nervous system disorder.

Q 2   Describe the principles, structure and implementation of Community Based Rehabilitation   (1 x 15 Marks)
(CBR) in Neurological Rehabilitation.

Q 3   Evidenced based practice of Neuro-physiotherapy intervention in adult with cerebellar disorders   (1 x 15 Marks)

Q 4   Explain the Motor Relearning Program with reference to its stages, feed- forward mechanisms   (1 x 15 Marks)
and role of practice and cueing in functional motor recovery.

Q 5   Discuss various methods of activity promotions and participation Facilitation in person with   (1 x 15 Marks)
stroke with perceptual deficits.

Q 6   Write various methods of biofeedback. describe the role of EMG bio- feed back in improving   (1 x 15 Marks)
motor function of upper extremity.

Q 7   Discuss recent trends of physiotherapy intervention in individual with spinal cord injury   (1 x 15 Marks)
emphasising with sensory, motor and autonomic dysfunction.

Q 8   (5 x 1 Marks)

a)   Proprioceptive training.

b)   Aerobic exercise prescription in neuromuscular disorder.

c)   Brain computer interface training.

d)   The role of Rhymical stabilisation as PNF technique in Neurological disorder

e)   Fall prevention strategy for Parkinson individual.