

Fourth B.P.TH. (2012) Examination, Summer
(Phase - III : All Other Remaining UG/PG Courses) - 2020
NEURO PHYSIOTHERAPY

Total Duration : 3 Hours

Total Marks : 80

SECTION - A & SECTION - B

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates full marks.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answer book for all sections.

SECTION - A SAQ(50 Marks)

1. Short answer question (any five out of six) : [5 × 3 = 15]
- a) Asymmetric tonic neck reflex.
 - b) Glassgow Coma Scale.
 - c) Any 3 differences between ^{Upper} motor and lower motor Neuron Lesion.
 - d) Pusher's Syndrome.
 - e) Define and classify Muscle Tone.
 - f) Clinical features of Hydrocephalus.



- a) Describe the signs, symptoms and Physiotherapy management of Trigeminal Neuralgia.
- b) With a neat labelled diagram, describe the Circle of Willis.
- c) Describe stages of Multiple Sclerosis and PT management for any one stage.
- d) PT management of Down's Syndrome.
- e) PT management in acute care of traumatic head/brain injuries.
- f) PT management for BPPV.

SECTION - B LAQ(30 Marks)

3. Long answer question (any one out of two) :

[1 × 15 = 15]

- a) A 30 years old female had history of fever 2 weeks back following which she complained of progressive weakness in all 4 limbs. Presently she also has breathlessness on exertion. She was admitted in the hospital for a week.
 - i) ICF in details **[5]**
 - ii) Detailed Physiotherapy Management **[10]**
- b) A 3 year old female child was brought to the PT OPD with complains of difficulty in sitting up, standing and walking. On examination she has increased tone in her lower limbs and walk with a crossing pattern. Her mother reported that the child was born in the 7th month and had a delayed cry.
 - i) ICF **[5]**
 - ii) Detailed PT management **[10]**



- a) A 65 years old woman complains of heaviness of left side of body. On examination she has raised blood pressure for which she is not taking regular medications. Her tone is found to be increased more in the lower limbs than upper limbs. She is a housewife with 4 members in the family. Explain ICF and PT management.

[5 + 10 = 15]

- b) A 5 year old boy was brought to the PT OPD by his parents with complains of frequent falls while playing. He has great difficulty in getting up from sitting position. On observation size of calf muscles is noted to be increased.

i) ICF with clinical reasoning.

[5]

ii) Detailed PT treatment with more emphasis on parent education and counselling.

[10]