

**Fourth BPTH (2012) Examination, Summer (Phase - II) - 2019
NEURO PHYSIOTHERAPY**

Total Duration : Section A + B = 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 of common answer book for all sections.

SECTION - "A" SAQ (50 Marks)

1. Short answer question (**any five** out of six) : **[5 × 3 = 15]**
- a) Glasgow coma scale.
 - b) Pseudobulbar palsy.
 - c) ASIA scale.
 - d) Assessment of unilateral visual neglect.
 - e) Modified ashworth scale.
 - f) Assessment of sensory ataxia.

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[5 × 7 = 35]

2. Short answer question (any five out of six):

- a) Physiotherapy management for Gullian Barre syndrome.
- b) Explain tone inhibiting techniques.
- c) Physiotherapy management for multiple sclerosis.
- d) Explain domains of ICF.
- e) Physiotherapy management for spastic cerebral palsy.
- f) Physiotherapy management for hemiplegic gait.

SECTION - "B" LAQ (30 Marks)

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

[1 × 15 = 15]

- a) 33 years old male underwent craniotomy secondary to right thrombotic stroke six months back. He has past history of DVT. He has now difficulty in using his left hand for activities of daily living and can walk slowly using circumduction gait pattern.
 - i) Discuss ICF.
 - ii) Discuss short and long term goals and physiotherapy management.
(5+10=15)
- b) A 6 months old baby is unable to move right upper limb since birth. Mother gives history of forceps delivery. All other developmental milestones are normal.
 - i) Give differential diagnosis.
 - ii) Discuss short and long term goals and Physiotherapy management.
(5+10=15)

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

[1 × 15 = 15]

a) 36 years old male computer operator by profession had road traffic accident six months back and was diagnosed as traumatic fracture L1.

i) Discuss ICF.

ii) Discuss short and long term goals and physiotherapy management.

(5+10=15)

b) A 68 years old male was diagnosed as Parkinson's disease three years back. He is able to walk indoor with stooped posture and has difficulty in outdoor activities.

i) Discuss ICF.

ii) Discuss physiotherapy management.

iii) Discuss home management to allow him for better performance in ADL's.

(5+5+5=15)

