

**Fourth B.P.Th (Revised) Examination, Winter 2012
PHYSIOTHERAPY IN NEURO-SCIENCES**

Total Duration: Section A + B + C = 3 Hours

Section B & C Marks: 60

SECTION – B & SECTION – C

- Instructions:** 1) *All questions are compulsory.*
2) *The number to the right indicates full marks.*
3) *Draw diagrams wherever necessary.*
4) *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.*

SECTION – B

1. Answer the following (any five out of six)

(5×3=15)

- ☒ Automatic bladder
- ☒ Give 3 etiological factors for cerebral palsy
- ☒ Gower's Sign
- ☒ Functions and testing of Glossopharyngeal nerve.
- ☒ Causalgia
- ☒ Define ataxia and give its types.

Answer the following (any three out of four)

(3×5=15)

- ☒ Principles of Rood's approach.
- ☒ Any two brain stem reflexes.
- ☒ Principles of treatment of spinal cord lesions.
- ☒ Management of chronic pain.

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SECTION - C

4. A 59 year old school teacher who is a known hypertensive had sudden bouts of projectile vomiting and loss of consciousness after which he developed weakness on his right side. (1x15)

Discuss the functional diagnoses with ref. to ICF

Short term goals

Long term goals.

5. A 65 year old retired police officer complains of slowness of movements, tremor at rest since 6 months and also complains of difficulty in initiating movements. (1x15)

Discuss the functional diagnosis with ref. to ICF.

Short term goals.

Long term goals.

OR

5. A three year old female child is referred for physical therapy with the diagnosis of cerebral palsy of ataxic hypotonic variety. She has severe Mental Retardation and has just achieved head holding. Parents are uneducated but very motivated and belong to low socio-economic group. (1x15)

i) Describe the functional impairments with clinical reasoning.

ii) Plan the home program for this child.

iii) Plan term goal with treatment techniques.