

Fourth B.P.T.H. (2012) Examination, Winter 2018  
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 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) Figure ground discrimination.
  - b) Technique and uses of slow icing.
  - c) Clinical assessment of trigeminal nerve.
  - d) Facial synkinesis.
  - e) Bell's phenomenon.
  - f) Combined cortical sensations.
2. Short answer question (any five out of six) : (5×7=35)
  - a) Visual, cognitive and behavioural disturbance in multiple sclerosis.
  - b) Evaluation of sensory and motor strategies of balance.
  - c) Motor relearning program for upperlimb in hemiplegic patient.
  - d) Autonomous dysreflexia and its management.
  - e) Radial nerve palsy - Clinical features and Physiotherapy Management.
  - f) Physiotherapy management for post polio residual paralysis.

P.T.O.



## SECTION – B LAQ (30 Marks)

3. Long answer question (any one out of two) : (1×15=15)

- a) A 24 year old male accountant by occupation met RTA 2 month back and diagnosed as fracture T10 vertebra and treated operatively, He comes with weakness and spasticity grade 2 in both lower extremity and loss of bladder control. Discuss ICF and Physiotherapy management with short term and long term goal. (5+5+5=15)
- b) A 22 year male comes with complains of difficulty in walking, clumsiness of hand and indistinct speech. Onset is insidious; duration 10 years. Abnormal finger nose test with intention tremors, nystagmus, kyphoscoliosis and pes cavus.
- i) Structural impairments. 2
  - ii) Assessment/tests. 5
  - iii) Physiotherapy management. 8

4. Long answer question (any one out of two) : (1×15=15)

- a) A 60 years old woman with 7 years history of Parkinson's disease having difficulty in walking and is on stage three of hoehn and yahr scale. Discuss ICF and physiotherapy management with short term and long term goals. (3+7+5=15)
- b) A 2 year old male diagnosed as spastic diaplegic cerebral palsy with grade 2 spasticity in lower limb and grade 1 in upper limb having difficulty in standing and gripping. Discuss ICF and physiotherapy management with short term and long term goals. (3+7+5=15)