



63932

Fourth B.P.Th. (Revised) Examination, Summer 2014
PHYSIOTHERAPY IN NEURO-SCIENCES

Duration : Section A + B + C = 3 Hours

Section B & C Marks : 60

SECTION- B and SECTION - C

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 – B

(30 Marks)

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

(5×3=15)

1) a) Describe festinating gait.

2) b) Write a short answer on Neuropathic p

3) c) Explain blocked versus random practice with examples.

4) d) Any 2 complications of spinal cord injury and their prevention

5) e) Orthosis for foot drop.

6) f) Erbs palsy.

2. Answer the following (any three out of four) :

a) Describe Systems theory of Motor Control.

b) Describe physiotherapy management of hemiplegia in the flaccid stage.

c) Physiotherapy management in Bells palsy.

d) Gait training in patient with Parkinsons disease.



Section "B" LAQ (30 Marks)

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

- a) A 20 year old girl had a fall from a moving train and sustained a head injury. Presently she is in the ICU and her GCS is 10. She also has Cheyne-Stokes breathing pattern. Discuss the ICF and short term and long term Physiotherapy Management for the same. (3+8+4)
- b) Discuss ICF and Physiotherapy Management of a 60 year old businessman diagnosed with Parkinson's disease having complaints of loss of balance and frequent falls and is graded III on Yahr scale and stay on first floor. (7+8)

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

- a) A 30 year old female admitted in the hospital with a diagnosis of recurrent Multiple Sclerosis years back. Patient mainly complains of fatigue and difficulty in vision and loss of balance. Discuss ICF and Physiotherapy Management for the same. (7+8)
- b) A 23 year old male met with a Road Traffic Accident 8 weeks back. He had a fracture shaft of humerus and is unable to extend his wrist since then. Discuss the ICF and the short and long term Physiotherapy Management for the same. (7+8)