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51412

Fourth B.P.Th. (2012) Examination, Winter -2020
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 answerbook for **all** sections.

SECTION - A (SAQ) (50 Marks)

1. Short answer question (**any five** out of six) : [5 × 3 = 15]
 - a) Write the Hoehn and Yahr scale.
 - b) Enlist types of pathological bladders.
 - c) Write clinical features of hydrocephalus.
 - d) Write clinical features of spinal shock.
 - e) Describe in brief any one primitive reflex.
 - f) Enumerate cortical reflexes.

2. Short answer question (**any five** out of six): [5 × 7 = 35]
 - a) Describe physiotherapy management of spasticity.
 - b) Write the clinical features of Multiple Sclerosis. Describe physiotherapy management of the same.

- c) Describe the impairments seen in GBS with clinical reasoning.
- d) Discuss the physiotherapy management of foot drop.
- e) Explain the principles of PNF and its application in neurorehabilitation.
- f) Describe the physiotherapy management of bradykinesia and rigidity in Parkinson's patient.

SECTION - B (LAQ) (30 Marks)

3. Long answer question (**any one** out of two) **[1 × 15 = 15]**
- a) A 29 years old unmarried female diagnosed as Cerebellar ataxia since 6 months. She complains of ataxic gait and tremors. She is also having difficulty in fine motor activities and complains of repeated falls.
 - i) Discuss ICF with clinical reasoning. **[5]**
 - ii) Discuss short term and long term goals of management. **[7+3]**
 - b) A 39 years old male teacher by occupation living with his wife and 2 children on the second floor suffered from left thrombotic stroke of MCA 2 months back. He now has difficulty in speech and using his right hand which is his dominant side for activities of daily living.
 - i) Give ICF with clinical reasoning **[3]**
 - ii) Discuss short term and long term physiotherapy management in detail **[6+6]**
4. Long answer question (**any one** out of two) : **[1 × 15 = 15]**
- a) A 25 years old male computer operator by profession. suffered from road traffic accident 6 months back. He has difficulty in moving all 4 extremities. He also complains of sensory loss. On examination his tone was found to be ranging from 1+ to 2 on Modified Ashworth Scale. The patient was conservatively managed.
 - i) Discuss ICF with clinical reasoning **[5]**
 - ii) Discuss short term goals of management **[7]**
 - iii) Discuss long term goals of management **[3]**