

Total Duration : 3 Hours

Total Marks : 80

- 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) Sunderland's classification of nerve injuries.
  - b) Ankle Foot Orthosis.
  - c) Enumerate three function of Basal ganglia.
  - d) What is Autonomic Dysreflexia?
  - e) Enumerate three difference between UMN & LMN lesions.
  - f) Write Modified Ashworth Scale.
  
2. Short answer question (any five out of six) : [5 × 7 = 35]
  - a) Physiotherapy management for Neuropathic pain.
  - b) Physiotherapy management for Hydrocephalus.
  - c) Physiotherapy management for BPPV.
  - d) Physiotherapy management for Acute stage GBS.
  - e) Describe Erbs palsy & it's management.
  - f) Physiotherapy management for Spina bifida.

## SECTION - "B" LAQ (30 Marks)

3. Long answer question (any one out of two) : [1 × 15 = 15]
- a) A 65 years old male a retired teacher have difficulty in initiating movement, tremor, rigidity and slowness of gait. Patient diagnosed as Parkinson disease and has difficulty in active daily living.
- i) ICF with clinical reasoning. [5]
- ii) Physiotherapy short term and long term goals and treatment. [10]
- b) A 4 year old boy came to PT department with the clinical features of recurrent falls. He also has difficulty in standing from ground. On examination it was found that his calf muscles were hypertrophied.
- i) ICF with clinical reasoning. [5]
- ii) Physiotherapy treatment in details. [10]
4. Long answer question (any one out of two) : [1 × 15 = 15]
- a) A 53 years old male patient, school teacher by occupation developed weakness in left upper and lower limb two days before. Patient diagnosed as hemorrhagic stroke. Patient conscious, oriented, difficulty in standing and walking. Write ICF and detailed PT management.- short term and long term. [5 + 10 = 15]
- b) A 19 year old male college student developed weakness in lower limbs 6 days back which then progressed to his upper limbs also. He complained of stomach infection 2 weeks ago. He lives on the 3<sup>rd</sup> floor with lift facility.
- i) ICF with reasoning. [5]
- ii) Detailed PT management. [10]

