

# P P SAVANI UNIVERSITY

Sixth Semester of B. P.T. Examination  
JULY-AUGUST 2021

SPPT3091 Physiotherapy in Neurology I

24.07.2021, Saturday

Time: 10:00 a.m. To 1:00 p.m.

Maximum Marks: 70

**Instructions:**

1. The question paper comprises of two sections.
2. Section I and II must be attempted in separate answer sheets.
3. Make suitable assumptions and draw neat figures wherever required.
4. Use of scientific calculator is allowed.

**SECTION - I**

- Q - 1 Essay Question(Any One) [10]**
- (i) Describe in detail about the sub acute phase management of T10 spinal cord injury?
  - (ii) Discuss in detail about the assessment and management of a patient with Parkinsonism.
- Q - 2 Short Note(Any Two) [10]**
- (i) Assumptions of NDT and its implications.
  - (ii) Testing of cortical sensations.
  - (iii) ASIA impairment scale.
- Q - 3 Very Short Notes(Any Five) [15]**
- (i) Neurological basis of spasticity.
  - (ii) Assessment of coordination.
  - (iii) Name different types of lower limb splints.
  - (iv) Clinical features of cerebral palsy.
  - (v) Souque's phenomenon.
  - (vi) PNF Upperlimb patterns.
  - (vii) Principles of Skin Care.

**SECTION - II**

- Q - 1 Essay Question(Any One) [10]**
- (i) Describe in detail the assessment for Balance Dysfunction. Explain the Techniques for reeducation of Balance and Equilibrium.
  - (ii) Discuss in detail about the Clinical features and Physiotherapy management of a patient with MCA stroke. (Right Side).
- Q - 2 Short Note(Any Two) [10]**
- (i) Principles of PNF Techniques.
  - (ii) PT Management in recovery stage of GBS.
  - (iii) Medial nerve palsy.
- Q - 3 Very Short Notes(Any Five) [15]**
- (i) Claw Hand.
  - (ii) Any one Classification of Cerebral Palsy.
  - (iii) Types of Spina Bifida.
  - (iv) Write Gross motor Developmental milestones.
  - (v) Heterotrophic Ossification.
  - (vi) Glosso-pharyngeal breathing.
  - (vii) Types of Rigidity.

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