

# P P SAVANI UNIVERSITY

Fifth Semester of B.P.T Examination

January 2022

SPPT3020 NEUROLOGY

07.02.2022, Monday

Time: 09:30 a.m. To 12:30 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) Etiology, pathophysiology and clinical features of Myasthenia Gravis.
  - (ii) Describe etiology, clinical features and diagnosis of Parkinson's Disease.
- Q - 2** Short Note(Any Two) [10]
- (i) Write in detail Patho-physiology of Stroke.
  - (ii) Post-Polio Syndrome.
  - (iii) Describe etiology and clinical features of Meningitis.
- Q - 3** Very Short Notes(Any Five) [15]
- (i) ALS.
  - (ii) Classification of Head injury.
  - (iii) Classification of Peripheral Nerve injuries.
  - (iv) Risk factors for stroke.
  - (v) Mini Mental State examination Scale.(MMSE)
  - (vi) Pharmacological management in Parkinson's disease.
  - (vii) Dermatomes of upper extremity.

**SECTION - II**

- Q - 1** Essay Question(Any One) [10]
- (i) Write in detail etiology, classification, signs and symptoms, investigations and management of cerebral palsy.
- (ii) Write in detail about Dementia and its management.
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- Q - 2** Short Note(Any Two) [10]
- (i) Minimally invasive surgery in neurosurgical perspective
- (ii) Pathophysiology of peripheral nerve injury
- (iii) Clinical presentation of brain tumors
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- Q - 3** Very Short Notes(Any Five) [15]
- (i) Symmetric tonic neck reflex
- (ii) Glasgow coma scale
- (iii) Wrist drop
- (iv) Innumerate degenerative diseases of spine
- (v) Spina bifida occulta
- (vi) Features of cervical spondylosis
- (vii) Clinical features of inter vertebral disc prolapse

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