BL

P P SAVANI UNIVERSITY

Sixth Semester of B. P.T. Examination
February 2020
SPPT3091Physiotherapy Neurology I

05.02.2020, Wednesday | Time: 09:00 a.m. To 12:00 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)	Mention Developmental Milestones and Neonatal reflex achieved up to 6 months of age.	
(ii)	Write Assessment of Hemiplegic gait and its Management.	
Q - 2	Short Note(Any Two)	[10]
(i)	Define Cerebro-Vascular Accidents, its risk factors and Pathophysiology.	
(ii)	Explain Principles of PNF.	
(iii)	Explain Management of Spinal Cord Injury.	
Q - 3	Very Short Notes(Any Five)	[15]
(i)	Enlist types of Sensations to be checked during assessment.	
(ii)	Explain Spasticity.	
(iii)	Explain basic technique of Barnstorm Movement Therapy.	
(iv)	What is GMFCS? Explain in brief.	
(v)	Explain ATNR.	
(vi)	Enlist types of reflexes to be assessed.	
(vii)	Explain Parachute reflex.	

SECTION – II

Q - 1	Essay Question(Any One)	[10]
(i)	Write Physiotherapy Assessment and Management of child of 12 years diagnosed with GBS.	
(ii)	Write Physiotherapy Assessment and Management of 62 years old male diagnosed with Alzheimer's Disease.	
Q - 2	Short Note(Any Two)	[10]
(i)	Explain circulation of CSF.	
(ii)	Explain Pathophysiology and Clinical features of Parkinson's Disease.	
(iii)	Explain Classification of Cerebral Palsy.	
Q - 3	Very Short Notes(Any Five)	[15]
(i)	What is Gower's sign?	
(ii)	Write difference between Spasticity and Rigidity.	
(iii)	Mention Voluntary Control Grading.	
(iv)	Explain Dementia in brief.	
(v)	What is BMD? Explain in brief.	
(vi)	Write classification of Spina Bifida.	
(vii)	Write Clinical Features of ALS.	

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