

Question Paper

Exam Date & Time: 14-Dec-2018 (02:00 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIFTH SEMESTER BPT DEGREE EXAMINATION - DECEMBER 2018

SUBJECT: BPT 307 - NEUROLOGICAL PHYSIOTHERAPY I
(2016 SCHEME)

Friday, December 14, 2018 (14.00 - 17.00)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Classify traumatic brain injury (TBI). Explain in detail about physiotherapy assessment and management of coma following TBI. (20)
(4+6+10 = 20 marks)
- 2) Explain the assessment and physiotherapy management of cardinal features in Parkinson's disease. Add a note on recent physiotherapy treatment techniques for Parkinson's disease. (20)
(4+16 = 20 marks)
- 3) Discuss about hemiplegic gait and its physiotherapy management. (10)
- 4) Discuss in detail about physiotherapy management of a patient with stroke in the stage of flaccidity. (10)
- 5A) Physiotherapy management of cerebellar disorders. (5)
- 5B) Fatigue in multiple sclerosis. (5)
- 5C) Assumptions of motor relearning program. (5)
- 5D) Treatment techniques of proprioceptive neuromuscular facilitation. (5)
- 5E) Principles of treatment in neurodevelopmental therapy. (5)
- 5F) Vojta Therapy. (5)
- 6A) Mention **ANY TWO** proprioceptive facilitatory techniques described by Roods. (2)
- 6B) What is FES? Mention its use in Physiotherapy. (2)
- 6C) What is Kernig's sign? Mention the condition in which it is seen. (2)
- 6D) What is Sulcus sign? Give **ANY ONE** indication for testing sulcus sign. (2)
- 6E) What is Virtual reality? Mention its use in Physiotherapy. (2)

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