

# Question Paper

Exam Date & Time: 22-Feb-2020 (02:00 PM - 05:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

FIFTH SEMESTER BPT DEGREE EXAMINATION - FEBRUARY 2020  
SUBJECT: BPT 307 - NEUROLOGICAL PHYSIOTHERAPY - I  
(2016 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

Essay:

- 1) Define stroke. Clinical features of Right Middle Cerebral Artery territory stroke. Discuss about hemiplegic gait and its management. (20)  
(2+8+10 = 20 marks)
- 2) Discuss in detail about physiotherapy management of a patient with traumatic brain injury in RLA recovery stage 3. Write in brief about complications associated with traumatic brain injury. (20)  
(15+5 = 20 marks)

Short Essay:

- 3) What is festinating gait? Physiotherapy management for Festinating Gait. (10)  
(2+8 = 10 marks)
- 4) Discuss about physiotherapy management for ataxia. (10)

5) Short Notes:

- 5A) Discuss about CIMT. (5)
- 5B) Brief about ANY TWO facilitatory and inhibitory techniques by Roods. (5)
- 5C) Virtual Reality in Neurorehabilitation. (5)
- 5D) Energy conservation techniques. (5)
- 5E) Clinical features of cerebellar disorders. (5)
- 5F) Clinical features and management of meningitis. (5)

6) Brief Answers:

- 6A) Raimiste phenomenon. (2)
- 6B) Clinical features of Wilson's disease. (2)
- 6C) Uhthoff's phenomenon. (2)
- 6D) Brudzinski's sign. (2)
- 6E) Steps involved in MRP. (2)

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# Question Paper

Exam Date & Time: 24-Feb-2020 (02:00 PM - 05:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

FIFTH SEMESTER BPT DEGREE EXAMINATION - FEBRUARY 2020  
SUBJECT: BPT 309 - ORTHOPEDIC PHYSIOTHERAPY - I  
(2016 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Describe the rehabilitation protocol following anterior cruciate ligament reconstruction and add a note on extensor lag correction strategies. (15+5 = 20 marks) (20)
- 2) Describe the types of supracondylar fractures of humerus and explain the physiotherapy management for surgically managed supracondylar fracture humerus. (20)
- 3) Describe the physiotherapy management following conservatively managed anterior dislocation of shoulder. (10)
- 4) Describe the clinical features and physiotherapy management for ankylosing spondylitis. (10)
- 5A) Discuss the physiotherapy management following total hip replacement. (5)
- 5B) Explain the joint protection techniques for rheumatoid arthritis. (5)
- 5C) Describe the physiotherapy management for conservatively managed proximal tibia fracture. (5)
- 5D) Explain the causes for shoulder impingement syndrome. (5)
- 5E) Describe the zones of extensor tendon injuries of the hand. (5)
- 5F) Describe the rationale and exercises for lateral patellar dislocations. (5)
- 6A) List the signs and symptoms of complex regional pain syndrome. (2)
- 6B) What is Hansen's disease? (2)
- 6C) List the indications for total knee replacement. (2)
- 6D) What is gun stock deformity? (2)
- 6E) List any two causes of patellofemoral pain syndrome. (2)

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