

# Question Paper

Exam Date & Time: 21-Apr-2022 (10:00 AM - 01:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

FIFTH SEMESTER BPT DEGREE EXAMINATION - APRIL 2022  
SUBJECT: BPT 307 - NEUROLOGICAL PHYSIOTHERAPY - I  
(2016 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Define Cerebrovascular accident. Describe the clinical features of Left Middle Cerebral artery Ischaemic Stroke and Discuss the physiotherapy management in the subacute stage. (20)  
(2+6+12 = 20 marks)
- 2) Describe the cardinal features of Parkinson's disease and explain their physiotherapy management in detail. (20)  
(4+16 = 20 marks)
- 3) Explain in detail about coma stimulation techniques. (10)
- 4) Explain in detail about the physiotherapy management of cerebellar disorders. (10)
- 5A) Discuss about physiotherapy management of hemiplegic gait. (5)
- 5B) Discuss the steps involved in Motor relearning program. (5)
- 5C) Discuss about ANY THREE facilitatory techniques suggested by Margaret S Rood. (5)
- 5D) Discuss about the physiotherapy management of Meningitis. (5)
- 5E) Discuss about the energy conservation techniques for Multiple sclerosis. (5)
- 5F) Discuss about the post-operative physiotherapy management of acoustic neuroma. (5)
- 6A) What is decerebrate and decorticate rigidity? (2)
- 6B) What is raimiste's phenomenon? (2)
- 6C) What is kernig's sign? (2)
- 6D) What is uhthoff's phenomenon? (2)
- 6E) What are sings of increased intracranial pressure? (2)

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# Question Paper

Exam Date & Time: 26-Apr-2022 (10:00 AM - 01:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

FIFTH SEMESTER BPT DEGREE EXAMINATION - APRIL 2022  
SUBJECT: BPT 309 - ORTHOPEDIC PHYSIOTHERAPY - I  
(2016 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Define fracture. Explain the physiotherapy assessment and rehabilitation of fracture shaft of femur managed with open reduction internal fixation with intramedullary nail. (20)  
(2+6+12 = 20 marks)
- 2) Classify instability of the shoulder. Explain the physiotherapy management following a Bankart's procedure. (20)  
(4+16 = 20 marks)
- 3) List the clinical features of rheumatoid arthritis. Explain pathomechanics of zig zag deformity of the wrist. (10)
- 4) Classify lateral ankle sprains. Discuss the physiotherapy management of lateral ankle ligament injuries. (10)
- 5A) Elaborate on clinical tests for impingement syndrome of the shoulder. (5)
- 5B) Explain active mobilization approach in zone 2 flexor tendon repair. (5)
- 5C) Explain physiotherapy management following Colles fracture. (5)
- 5D) What is extensor lag? Discuss the physiotherapy management of extensor lag of knee. (5)
- 5E) Explain physiotherapy management in lateral patellar dislocation. (5)
- 5F) Discuss precautions following total hip replacement. (5)
- 6A) What is piriformis syndrome? (2)
- 6B) Define delayed union. (2)
- 6C) What is claw Hand? (2)
- 6D) Mention the indications for Total Knee replacement. (2)
- 6E) What is septic arthritis? (2)

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