

Question Paper

Exam Date & Time: 06-Jun-2019 (02:00 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SIXTH SEMESTER BPT DEGREE EXAMINATION - MAY/JUNE 2019
SUBJECT: BPT 308 - ORTHOPEDIC PHYSIOTHERAPY II
(2016 SCHEME)

Thursday, June 06, 2019 (14.00 - 17.00)

Answers All questions.

Draw diagrams wherever necessary.

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1A) A 26 year old male following a dashboard injury, had a posterior dislocation of hip which was conservatively managed one month back. Presently he is ambulating with high steppage gait. Identify the cause, write a detailed assessment and management for the same. (20)
(2+8+10 = 20 marks)
- 1B) 50 year old coolie worker while lifting load on the head experience sudden onset of neck pain with radiation to both upper limb up till lateral 2/3rd of the palm.
- i) Write detail physical assessment with radiological findings. (10)
- ii) Write conservative management and its rehabilitation. (10)
- 2A) Define amputation, write complication of below knee amputation. Write Physiotherapy management for patients with below knee amputation. (10)
(1+2+7 = 10 marks)
- 2B) Enlist different types of spondylolisthesis. Write clinical features and grades of spondylolisthesis. Write detail Physiotherapy management for the same. (10)
(2+3+5 = 10 marks)
- 3A) Explain Mckenzie dysfunction syndrome in detail. (5)
- 3B) Physiotherapy management for conservatively managed D12 compression fracture. (5)
- 3C) Lumbar spine stabilization exercises. (5)
- 3D) Supinator syndrome, clinical features and management. (5)
- 3E) Enlist and write uses of orthosis used in upper limb nerve injuries. (5)
- 3F) Causes and clinical features and Physiotherapy management for osteomalacia. (5)
- 4A) Any four clinical features of quadriplegia. (2)
- 4B) Define coccydynia. (2)
- 4C) What is Perthe's disease? (2)
- 4D) Club foot correction sequence (2)
- 4E) What is Maralgia parasthetica? (2)

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Question Paper

Exam Date & Time: 01-Jun-2019 (02:00 PM - 04:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SIXTH SEMESTER BPT DEGREE EXAMINATION - MAY/JUNE 2019
SUBJECT: BPT 310 - ELECTRODIAGNOSIS
(2016 SCHEME)
Saturday, June 01, 2019 (14.00 - 16.00)

Marks: 50

Duration: 120 mins.

Answer all the questions.

- 1) Discuss about the general principles and procedure for ulnar motor nerve conduction study. (10)
(4+6 = 10 marks)
- 2) Explain the stages of Electromyography. Discuss about any **four** abnormal potentials at rest. (10)
(6+4 = 10 marks)
- 3A) Role of electromyography biofeedback in neurorehabilitation (5)
- 3B) Filters in electrodiagnosis (5)
- 3C) Write a short note on F wave. (5)
- 3D) Factors affecting nerve conduction studies (5)
- 4A) Mention any **two** electromyography findings in myopathies. (2)
- 4B) Mention the parameters recorded in blink reflex studies. (2)
- 4C) Define motor unit. (2)
- 4D) What is strength duration curve? (2)
- 4E) Mention any **four** types of needle electrodes. (2)

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