

Question Paper

Exam Date & Time: 24-Jul-2024 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

EIGHT SEMESTER BPT DEGREE EXAMINATION - JULY 2024
SUBJECT: BPT 402TH - CARDIOPULMONARY PHYSIOTHERAPY - II
(2016 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Define Pulmonary rehabilitation. Mention the components of a pulmonary rehabilitation program. Summarize the evaluation of the patient prior to exercise training. Outline the exercise training component of pulmonary rehabilitation.
(2+6+6+6 = 20 marks) (20)
- 2) List the components of cardiac rehabilitation. Explain ANY FOUR components of cardiac rehabilitation.
(8+12 = 20 marks) (20)
- 3) A 55-year-old male has a history of smoking and has been diagnosed with Chronic obstructive pulmonary disease for the past 15 years. Explain physiotherapy assessment and management for this patient.
(5+5 = 10 marks) (10)
- 4) Mention the Health-related fitness components. Explain ANY TWO body composition evaluation methods.
(2+8 = 10 marks) (10)
- 5A) Explain post-operative physiotherapy treatment of lobectomy. (5)
- 5B) Summarize the types of respiratory failure. (5)
- 5C) Explain aerobic exercise prescription for a 30-year-old healthy individual. (5)
- 5D) Explain physiotherapy management for Diabetes Mellitus. (5)
- 5E) Summarize the principles of exercise training. (5)
- 5F) Mention ANY FIVE differences between arterial and venous ulcer. (5)
- 6A) Mention ANY TWO side effects of chemotherapy. (2)
- 6B) Mention classification of Obesity. (2)
- 6C) Mention ANY TWO physical activity measurement methods. (2)
- 6D) Mention ANY TWO hormonal ergogenic aid. (2)
- 6E) Mention ANY TWO advantage of Interval training. (2)

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Question Paper

Exam Date & Time: 23-Jul-2024 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

EIGHTH SEMESTER BPT DEGREE EXAMINATION - JULY 2024
SUBJECT: BPT 404TH - COMMUNITY PHYSIOTHERAPY II
(2016 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Explain the return to work process for a transtibial amputee who is a grocery storekeeper. (20)
- 2) What is osteoporosis? Explain its diagnosis, evaluation, and physiotherapy management for osteopenia and osteoporosis. (20)
(3+3+4+5+5 = 20 marks)
- 3) Describe fitness evaluation in the elderly. (10)
- 4) Explain the differences in the postnatal physiotherapy management between caesarian section and normal vaginal delivery. (10)
- 5A) Explain early intervention for a high-risk infant in the community. (5)
- 5B) Draw a labelled diagram of industrial therapy spectrum. (5)
- 5C) Explain ANY FIVE psychosocial changes in aging. (5)
- 5D) Explain ANY FIVE theories of aging. (5)
- 5E) Write in brief about job placement evaluation. (5)
- 5F) Explain ANY FIVE principles of ergonomics. (5)
- 6A) Mention ANY FOUR acute responses to exercises in older adults. (2)
- 6B) What is Hospice care? (2)
- 6C) Classify occupational hazards. (2)
- 6D) What are the types of urinary incontinence? (2)
- 6E) Define dementia. (2)

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