

Question Paper

Exam Date & Time: 30-Nov-2021 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SEVENTH SEMESTER BPT DEGREE EXAMINATION - NOVEMBER/DECEMBER 2021
SUBJECT: BPT 407 - CARDIO-PULMONARY PHYSIOTHERAPY I
(2016 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Discuss physiological and therapeutic benefit of prone and side lying position. Add a note on early mobilization. (20)
- 2) Elaborate indications of Bronchial Hygiene therapy and the different techniques in airway clearance. (20)
- 3) Anatomical and physiological differences between adult & neonatal respiratory system. (10)
- 4) Physiotherapy management of Acute Respiratory Distress Syndrome. (ARDS) (10)
- 5A) Explain different types of nebulization therapy. (5)
- 5B) Autogenic drainage. (5)
- 5C) Modes of oxygen delivery. (5)
- 5D) Assisted coughing techniques. (5)
- 5E) Prone positioning. (5)
- 5F) Weaning criteria of mechanical ventilation. (5)
- 6A) Breathing exercises - Definition & Types. (2)
- 6B) Types of chest wall deformities. (2)
- 6C) Bronchial breath sound. (2)
- 6D) Incentive spirometry. (2)
- 6E) Mention the findings of collapsed lung on a chest X-ray. (2)

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Question Paper

Exam Date & Time: 02-Dec-2021 (02:30 PM - 04:30 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SEVENTH SEMESTER BPT DEGREE EXAMINATION - NOVEMBER/DECEMBER 2021
SUBJECT: BPT 409 - COMMUNITY PHYSIOTHERAPY I
(2016 SCHEME)

Marks: 50

Duration: 120 mins.

Answer all the questions.

1. Essay

- 1A) Explain in detail the evaluation of a community based rehabilitation program. List the advantages of monitoring and evaluation of a community based program. (10)
(5+5 = 10 marks)
- 1B) Define barriers. Explain the steps in modification of architectural barriers. Enlist four architectural dimensions that are to be measured when planning for a facility for a person using a wheelchair. (10)
(2+4+4 = 10 marks)

2. Short notes:

- 2A) Explain the various approaches in community based rehabilitation. (5)
- 2B) List five objectives under the Rights of People with Disability Act, 2016. (5)
- 2C) Explain the medical model of disability and enlist its disadvantages. (5)
- 2D) Explain five strategies used for primary prevention of osteoporosis. (5)

3. Brief notes:

- 3A) Define Community Based Rehabilitation. (2)
- 3B) List TWO principles of Community Based Rehabilitation. (2)
- 3C) Mention TWO differences between community outreach program and a community based program. (2)
- 3D) Mention the formula and explain the variables of the formula used to calculate permanent physical impairment. (2)
- 3E) Give examples the assistive device used by people with unilateral transfemoral amputation. (2)

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Question Paper

Exam Date & Time: 04-Dec-2021 (02:30 PM - 04:30 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SEVENTH SEMESTER BPT/BOT DEGREE EXAMINATION - NOVEMBER/DECEMBER 2021
SUBJECT: BPT 405/BOT 405 - SOCIOLOGY
(2016 SCHEME)

Marks: 50

Duration: 120 mins.

Answer all the questions.

- 1) What is socialization? Explain the influence of social factors on personality. (10)
(2+8 = 10 marks)
- 2) Define community. Explain the role of rural community in public health. (10)
(2+8 = 10 marks)
- 3A) What are the consequences of social change in relation to health and diseases. (5)
- 3B) Explain the problems of women in employment. (5)
- 3C) What welfare measures do you suggest to the differently abled persons. (5)
- 3D) Explain the impact of culture on human behavior. (5)
- 4A) What is health? (2)
- 4B) Mention any four methods of sociological investigation. (2)
- 4C) What is deviance? (2)
- 4D) What is population juvenile delinquency? (2)
- 4E) Mention any four means of social control. (2)

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