

Question Paper

Exam Date & Time: 08-Jan-2021 (02:30 PM - 04:30 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

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

Marks: 50

Duration: 120 mins.

Answer all the questions.

- 1) Define family. Explain the influence of family on human personality (2+8 = 10 marks) (10)
- 2) Write the meaning of sociology and explain its uses. (2+8 = 10 marks) (10)
- 3A) What is population explosion? Explain its consequences on society (2+3 = 5 marks) (5)
- 3B) Explain the influence of informal groups on health and sickness (5)
- 3C) What is the role of social factors in health and illness? (5)
- 3D) Socialization in hospital and rehabilitation settings (5)
- 4A) What is cultural lag? (2)
- 4B) Effect of poverty on society (2)
- 4C) Mention any four health problems of urban community (2)
- 4D) Define social change (2)
- 4E) Give any FOUR examples for secondary group (2)

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Question Paper

Exam Date & Time: 11-Jan-2021 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

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

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Define Burns and explain the classification of burns in detail. Discuss the role physiotherapy in Burns. (10+10 = 20 marks) (20)
- 2) Explain Mechanical Ventilator and its modes in detail. Explain weaning criteria and role of physiotherapy in weaning from mechanical ventilation. (20)
- 3) Explain in brief physiology of airway hygiene. (10)
- 4) Explain Chest Physiotherapy management in neurological conditions. (10)
- 5A) Bronchopulmonary Segments. (5)
- 5B) Write in brief on drugs used after Coronary artery bypass graft (CABG). (5)
- 5C) Oxygen Toxicity. (5)
- 5D) Enlist difference in PFT findings in obstructive & restrictive conditions. (5)
- 5E) Prone positioning in Acute respiratory distress syndrome (ARDS). (5)
- 5F) Explain Coronary circulation with diagram. (5)
- 6A) Two indications of intermittent positive pressure ventilation (IPPV). (2)
- 6B) What is transpulmonary pressure gradient? (2)
- 6C) What is equal pressure point? (2)
- 6D) X-Ray findings in bronchiectasis. (2)
- 6E) Assessment of Jugular venous pressure (JVP). (2)

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Question Paper

Exam Date & Time: 13-Jan-2021 (02:30 PM - 04:30 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

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

Marks: 50

Duration: 120 mins.

Answer all the questions.

- 1) Define osteoporosis and mention the classification based on T-score criteria. Plan a community based rehabilitation program with a goal to disseminate awareness among elderly living in community for prevention and early detection of osteoporosis. (10)
(5+5 = 10 marks)
- 2) A 42-year-old female client with a history of Chronic Obstructive Pulmonary disease for the past 23 years works at a Panchayat office as clerk. She presented to you with exacerbation of symptoms that has subsided and she now wants to join back to work. Plan a community physiotherapy management for the client with mention about assistive technology needed, home and workplace modification, and self-care management. (10)
- 3A) Mention the criteria under the permanent physical impairment evaluation of a traumatic case of flexor tendon injury to hand. (5)
- 3B) Explain self-care management taught to individuals with multiple joint arthritis (5)
- 3C) Explain self-care management taught to individuals with above knee amputation using prosthesis (5)
- 3D) Explain the social model of disability. (5)
- 4A) Mention TWO features of a multidisciplinary approach in rehabilitation (2)
- 4B) Give examples of TWO attitudinal barriers (2)
- 4C) Mention TWO uses of monitoring and evaluation of a Community Based Rehabilitation program (2)
- 4D) Define Community Based Rehabilitation as proposed by World Health Organization (2)
- 4E) Mention TWO implications of policies for persons with disabilities (2)

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