

Question Paper

Exam Date & Time: 17-Mar-2021 (02:30 PM - 04:30 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

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

Marks: 50

Duration: 120 mins.

Answer all the questions.

- 1) Define sociology. Explain the uses of the knowledge of sociology to Physiotherapy and Occupational therapy. (10)
(2+8 = 10 marks)
- 2) What is family? Explain the influence of family on human personality. (10)
(2+8 = 10 marks)
- 3A) What is the role of primary group in hospital? (5)
- 3B) Suggest remedies to prevent juvenile delinquency. (5)
- 3C) Explain the role of a medical social worker. (5)
- 3D) Explain the changes in the features of caste system in modern society. (5)
- 4A) What is sub-culture? (2)
- 4B) Define Social group. (2)
- 4C) Mention any four agencies of socialization. (2)
- 4D) Decision making in treatment. (2)
- 4E) What is population explosion? (2)

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Question Paper

Exam Date & Time: 23-Mar-2021 (02:30 PM - 04:30 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

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

Marks: 50

Duration: 120 mins.

Answer all the questions.

Essay:

- 1) Define barriers. Explain in detail the steps in modification of architectural barriers at a home for a patient using wheelchair. (10)
(2+8 = 10 marks)
- 2) Define Community Based Rehabilitation. Explain ICF with the help of a diagram and elaborate its domains with appropriate examples. (10)
(2+8 = 10 marks)

3. Short notes:

- 3A) Enlist the role of physiotherapist in primary prevention of stroke. (5)
- 3B) Explain in detail the steps involved in evaluation of a community based program. (5)
- 3C) List the advantages of interdisciplinary approach in CBR. (5)
- 3D) Compare medical and social models of disabilities. (5)

4. Brief notes:

- 4A) Explain TWO strategies used for tertiary management of chronic obstructive pulmonary diseases for a community dwelling individual. (2)
- 4B) List TWO advantages of bio-psycho-social model of disability (2)
- 4C) Mention TWO differences between community outreach program and a community based program (2)
- 4D) Mention TWO roles of family in the management of stroke in a community dwelling individual. (2)
- 4E) Give examples of TWO assistive devices used by people with spinal cord injury with motor level of T3-T4 (2)

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Question Paper

Exam Date & Time: 25-Mar-2021 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

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

Marks: 100

Duration: 180 mins.

Answer all the questions.

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| 1) | Explain in detail the techniques to enhance lung expansion. | (20) |
| 2) | Physiological effects of different therapeutic body positions. | (20) |
| 3) | Mechanism of normal respiration. | (10) |
| 4) | Discuss about artificial airways - Types and precautions. | (10) |
| 5A) | Complications of oxygen therapy. | (5) |
| 5B) | Beneficial and adverse effects of positive pressure ventilation. | (5) |
| 5C) | Describe the uses of chest radiograph in medical Intensive Care Unit. | (5) |
| 5D) | Burns and its physiotherapy management. | (5) |
| 5E) | Intermittent positive pressure breathing. | (5) |
| 5F) | PNF techniques of breathing. | (5) |
| 6A) | Normal breath sounds. | (2) |
| 6B) | Respiratory alkalosis. | (2) |
| 6C) | Write about various methods to calculate heart rate in ECG. | (2) |
| 6D) | Grades of clubbing. | (2) |
| 6E) | Flutter valve. | (2) |

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