

# Question Paper

Exam Date & Time: 24-Jul-2024 (10:00 AM - 12:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

EIGHT SEMESTER BPT DEGREE EXAMINATION - JULY 2024

SUBJECT: PTH4201 - THEORETICAL CONCEPTS IN CARDIOPULMONARY PHYSIOTHERAPY- II  
(2020 SCHEME)

Marks: 50

Duration: 120 mins.

Answer all the questions.

- |     |  |      |
|-----|--|------|
| 1)  | Explain physiotherapy management for a 60 years old person with COPD hospitalized with complaints of breathlessness at rest. | (10) |
| 2)  | Discuss post-operative physiotherapy management for a CABG patient from post operative day 1.                                | (10) |
| 3A) | Summarize cardiovascular disease risk factor Assessment.   | (5)  |
| 3B) | Briefly explain the components of pulmonary rehabilitation.  | (5)  |
| 3C) | Briefly explain the precautions for exercise in cardiac rehabilitation.  | (5)  |
| 3D) | Discuss physiotherapy management for a patient with venous insufficiency.  | (5)  |
| 4A) | Define bronchial asthma.   | (2)  |
| 4B) | What is diagnostic criteria for COPD as per PFT findings?  | (2)  |
| 4C) | List incisions for abdominal surgeries.  | (2)  |
| 4D) | Write two indications for lobectomy.   | (2)  |
| 4E) | Define cancer rehabilitation.  | (2)  |

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# Question Paper

Exam Date & Time: 23-Jul-2024 (10:00 AM - 12:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

EIGHT SEMESTER BPT DEGREE EXAMINATION - JULY 2024

SUBJECT: PTH4202 - THEORETICAL CONCEPTS FOR PHYSIOTHERAPY IN SPECIAL CONDITIONS  
(2020 SCHEME)

Marks: 50

Duration: 120 mins.

Answer all the questions.

- |     |   |      |
|-----|---|------|
| 1)  | Describe the importance of antenatal exercises on maternal and birth outcomes. Outline the physiotherapy assessment and management of Diastasis Recti during pregnancy.<br>(5+5 = 10 marks) | (10) |
| 2)  | Discuss in detail the stump assessment and management for trans-femoral amputation.<br>(5+5 = 10 marks)   | (10) |
| 3A) | Enumerate the metabolic triad.  | (5)  |
| 3B) | Outline the components of neuromotor assessment of the newborn.   | (5)  |
| 3C) | Explain the physiotherapy management of labor pain.   | (5)  |
| 3D) | Outline the stages of wound healing.  | (5)  |
| 4A) | List the sports suitable for children with Down Syndrome.   | (2)  |
| 4B) | Outline the characteristic features of post-polio syndrome.   | (2)  |
| 4C) | Illustrate 'Rule of Nines'.   | (2)  |
| 4D) | List the physiotherapy modalities for wound healing.  | (2)  |
| 4E) | List the prosthesis for lower limb amputations.   | (2)  |

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# Question Paper

Exam Date & Time: 25-Jul-2024 (10:00 AM - 12:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

**EIGHTH SEMESTER BPT DEGREE EXAMINATION - JULY 2024**  
**SUBJECT: PTH4241 - PROGRAM ELECTIVE - II : DISABILITY AND HEALTH**  
**(2020 SCHEME)**

**Marks: 50**

**Duration: 120 mins.**

**Answer all the questions.**

- 1) Discuss the key provisions of under Rights of Persons with Disabilities Act 2016. Explain its significance in ensuring the rights of individuals with disabilities and list any gaps in the enforcement of these laws. (10)  
(5+3+2 = 10 marks)
- 2) Discuss the influence of the built environment on the health and behavior of individuals with disabilities. Explore how factors such as accessibility, inclusivity, and safety contribute to promoting or hindering physical activity in this population. (10)  
(5+5 = 10 marks)
- 3A) What is Inclusive Education? Explain the importance of inclusive education on children with disabilities, families, and community. (5)
- 3B) Describe the effects of climate change on individuals with disabilities. Explain how these changes impact their vulnerability to disasters and access to resources during emergencies. (5)  
(3+2 = 5 marks)
- 3C) Outline how culture influences health and disability. Explain its role in shaping attitudes, beliefs, and practices related to health and disability among different communities. (5)  
(2+3 = 5 marks)
- 3D) How does ableism contribute to the marginalization of individuals with disabilities and hinder their inclusion in society? Discuss with examples. (5)
- 4A) List two roles of physiotherapy in disaster preparedness, response, and recovery efforts. (2)
- 4B) List TWO roles of media in Disability Studies. (2)
- 4C) List TWO examples of challenges to Inclusive Education experienced by Children with Disabilities. (2)
- 4D) List TWO roles of interdisciplinary team in the reintegration of individuals with disabilities. (2)
- 4E) Draw a labeled diagram representing the domains of the International Classification of Functioning Disability and Health. (2)

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