

Question Paper

Exam Date & Time: 30-May-2022 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FOURTH SEMESTER M.Sc. RT DEGREE EXAMINATION - MAY/JUNE 2022
SUBJECT: MRES 702 - CHRONIC RESPIRATORY DISEASE MANAGEMENT
(ADULT RESPIRATORY CARE/NEONATAL AND PAEDIATRIC RESPIRATORY CARE)
(2018 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Define pulmonary rehabilitation. Explain the disease-specific approaches to pulmonary rehabilitation in patients with asthma, cystic fibrosis and interstitial lung disease. (20)
(2+6+6+6 = 20 marks)
- 2) Elaborate on the various pharmacological and non-pharmacological approaches towards smoking cessation. Write in detail about the assessment and intervention for psychosocial concerns in patients with chronic respiratory diseases. (20)
(10+10 = 20 marks)
- 3A) List the domains and importance of outcome assessment. Explain any two domains. (10)
- 3B) In brief explain the components of exercise training on the basis of modes, frequency, and intensity. (10)
- 3C) Elaborate on the changes that may be required in paediatric pulmonary rehabilitation as compared to adults. (10)
- 3D) Describe the structure and roles of the members of an interdisciplinary pulmonary rehabilitation team. (10)
- 4A) Write a short note on Six Minute Walk Test. (5)
- 4B) Write a short note on upper and lower extremity exercises. (5)
- 4C) Explain the impact of obesity on respiratory disorders? (5)
- 4D) Explain the rationale for exercise training in chronic lung disease? (5)

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