

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LR 1220]

**DECEMBER 2020
(AUGUST 2020 EXAM SESSION)**

Sub. Code: 2619

**BACHELOR IN RESPIRATORY THERAPY
THIRD YEAR
PAPER IV – CARDIO PULMONARY REHABILITATION
Q.P. Code: 802619**

Time: Three Hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Define pulmonary rehabilitation. Write in detail about the patient assessment for pulmonary rehabilitation.
2. Define postural drainage. Mention the indications and contraindications of postural drainage. Describe the drainage position of right lobe of the lung.
3. Describe the pathophysiology and management of cystic fibrosis.

II. Write notes on:

(8 x 5 = 40)

1. Cardiopulmonary stress testing.
2. Shuttle walk test.
3. Incentive spirometer.
4. Goals of cardiac rehabilitation.
5. Bronchopulmonary Segments.
6. Patient education and counselling.
7. Peak Expiratory Flow Rate.
8. Suctioning.

III. Short answers on:

(10 x 3 = 30)

1. Blue blotters.
2. Glossopharyngeal breathing exercise.
3. Percussion.
4. Mucolytics.
5. Apnea.
6. Components of ECG.
7. Difference between huffing and coughing.
8. Unstable angina.
9. Kyphoscoliosis.
10. CPAP masks.
