

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

[LQ 1019]

NOVEMBER 2020  
(MAY 2020 SESSION)

Sub. Code: 8173

**MPT DEGREE EXAMINATION**  
**SECOND YEAR**  
**BRANCH III – PHYSIOTHERAPY IN CARDIO RESPIRATORY**  
**SPECIALITY PAPER II – PHYSIOTHERAPY ASSESSMENT**  
*Q.P. Code : 278173*

**Time : Three hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Discuss in detail about the respiratory muscle physiology, fatigue and its training.
2. Discuss in detail about the body positioning and various systemic changes.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Chest trauma.
2. Chyne stock breathing.
3. Hyperventilation syndrome.
4. ICF-Coding.
5. Documentation.
6. Cardio vascular stress test.
7. Sleep apnoea
8. Electro cardiogram.
9. Parameters for fitness testing.
10. Assessment for chest wall deformities.

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

[MPT 0321]

MARCH 2021

Sub. Code: 8173

(OCTOBER 2020 EXAM SESSION)

**MPT DEGREE EXAMINATION**

**SECOND YEAR – (From the Academic Year 2018-2019)**

**BRANCH III – PHYSIOTHERAPY IN CARDIO - RESPIRATORY**

**SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT**

*Q.P. Code : 278173*

**Time : Three hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Assessment of Brochiectasis.
2. Explain in detail about the various types of training and its normal and abnormal responses of cardiovascular system.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Diaphragm paralysis.
2. Breathing mechanism in COPD.
3. Respiratory muscle training for RLD.
4. Types of Congenital Heart Disease.
5. ECG changes in Myocardial Infarction.
6. Parameters for fitness training.
7. RAO and LAO projections.
8. Indications and contra Indications of respiratory and cardio vascular stress test.
9. Complications of coronary angiography.
10. Respiratory dysfunction in children.

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

**[MPT 0921]**

**SEPTEMBER 2021  
(MAY 2021 EXAM SESSION)**

**Sub. Code: 8173**

**MPT DEGREE EXAMINATION  
SECOND YEAR - (Regulations for the candidates admitted from 2018-2019)  
SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT  
BRANCH III – PHYSIOTHERAPY IN CARDIO - RESPIRATORY  
*Q.P. Code : 278173***

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Discuss in detail about Cardiovascular stress testing.
2. Write down the Assessment of Children with respiratory dysfunction.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Hypertrophic cardiomyopathy.
2. Significance of Vital signs.
3. Development of lung.
4. Assessment of hypertension.
5. Evaluation of cough.
6. Post-traumatic stress disorder.
7. Abnormal breathing mechanism.
8. Chest wall deformities.
9. Assessment of obstructive sleep apnea.
10. Buerger's disease.

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

**[MPT 0222]**

**FEBRUARY 2022  
(OCTOBER 2021 EXAM SESSION)**

**Sub. Code: 8173**

**MPT DEGREE EXAMINATION  
SECOND YEAR - (Regulations for the candidates admitted from 2018-2019)  
SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT  
BRANCH III – PHYSIOTHERAPY IN CARDIO - RESPIRATORY  
*Q.P. Code : 278173***

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. How will you assess 25 years old female with bronchiectasis?
2. Write in detail about Arterial Blood Gas Analysis.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Significance of Electrocardiogram.
2. Rheumatic fever.
3. Sputum.
4. Examination of environment.
5. Risk factors for Ischemic heart Disease.
6. Myxoma.
7. Assessment of Diaphragm.
8. Lymphedema.
9. Cardiovascular stress testing for Paraplegia.
10. Assessment of a neonate.

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

**[MPT 0622]**

**JUNE 2022  
(MAY 2022 EXAM SESSION)**

**Sub. Code: 8173**

**MPT DEGREE EXAMINATION  
SECOND YEAR - (Regulations for the candidates admitted from 2018-2019)  
SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT  
BRANCH III – PHYSIOTHERAPY IN CARDIO – RESPIRATORY  
*Q.P. Code : 278173***

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Describe in detail ICF coding.
2. Explain in detail about examination of functional status and activity level.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Oedema.
2. Angiography.
3. Respiratory muscle weakness.
4. Physiology of Body positioning.
5. Sputum.
6. Breathing pattern.
7. Palpation.
8. Cough.
9. Shuttle walk test.
10. ABG analysis.

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

**[MPT 0223]**

**FEBRUARY 2023  
(OCTOBER 2022 EXAM SESSION)**

**Sub. Code: 8173**

**MPT DEGREE EXAMINATION  
SECOND YEAR - (Regulations for the candidates admitted from the academic year 2018-2019)  
SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT  
BRANCH III – PHYSIOTHERAPY IN CARDIO – RESPIRATORY**

***Q.P. Code : 278173***

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Discuss concept of work of breathing in healthy and diseased.
2. Detail the analysis and process of cardiac assessment by using different clinical methods.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Various outcome measures used in respiratory disorders.
2. Discuss biomechanical alterations with ribcage and respiratory muscle dysfunction.
3. Describe tumors of the heart.
4. Write PT assessment for COPD.
5. Explain the oxygen transport system.
6. Pre operative evaluation of patient for pace maker surgery.
7. Interpretations of heart and lung sounds.
8. Code of ethics.
9. Sleep Apnea.
10. Chest imaging.

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

**[MPT 0523]**

**MAY 2023**

**Sub. Code: 8173**

**MPT DEGREE EXAMINATION**

**SECOND YEAR - (Regulations for the candidates admitted from the academic year 2018-2019)**

**SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT**

**BRANCH III – PHYSIOTHERAPY IN CARDIO – RESPIRATORY**

***Q.P. Code: 278173***

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Describe in detail Influence of Psychological Factors on Rehabilitation.
2. Explain in detail about Evidence Based Practice.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Microcirculation.
2. Ventilation Perfusion scan.
3. Respiratory fatigue.
4. Body positioning in prone.
5. Difference between obstructive and restrictive lung diseases.
6. Haemoptysis.
7. Abnormal breathing pattern.
8. On observation- chest.
9. Assessment of functional activity.
10. Six minute walk test.

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

**[MPT 1223]**

**DECEMBER 2023  
(OCTOBER 2023 EXAM SESSION)**

**Sub. Code: 8173**

**MPT DEGREE EXAMINATION**

**SECOND YEAR - (Regulations for the candidates admitted from the academic year 2018-2019)**

**SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT**

**BRANCH III – PHYSIOTHERAPY IN CARDIO – RESPIRATORY**

***Q.P. Code: 278173***

**Time : Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Discuss in detail about assessment and monitoring in Intensive care unit.
2. Describe the Physiotherapy assessment of Pneumonectomy patient.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Reactive hyperemia test.
2. Objective assessment of patient with Kyphoscoliosis.
3. Abnormal heart sounds.
4. Smoking history assessment.
5. How will you assess Dyspnoea?
6. Describe about Step test.
7. Bed side pulmonary function tests.
8. Deep vein thrombosis.
9. Determinants of work of breathing.
10. Jones criteria.

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