

M.Sc. CRITICAL CARE TECHNOLOGY
THIRD YEAR (Candidates admitted from 2017-2018 onwards)
PAPER II – ADVANCED CRITICAL CARE PART II
BRANCH II – GENERAL CRITICAL CARE AND CARDIAC

Q.P. Code : 281732

Time: Three hours

Maximum : 100 Marks

Answer ALL Questions

I. Elaborate on: (2 x 20 = 40)

1. Define Pneumothorax and describe in detail about clinical features and diagnosis and critical care management.
2. Define Acute Myocardial Infarction. Describe the surgical interventions and intermediate and late post operative care after CABG.

II. Write notes on: (10 x 6 = 60)

1. Post operative care assessment after patient on lobotomy.
2. Incentive spirometry.
3. Broncho pulmonary dysplasia.
4. Care of critically ill patients.
5. Post Resuscitation care.
6. Detail about Cardiac tamponade.
7. HME filters.
8. Automated External Defibrillator.
9. Management of the Acute Severe Asthma.
10. Indications, Contra indications and procedure of chest tube.

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

[AHS 1023]

OCTOBER 2023

Sub. Code: 1732

**M.Sc. CRITICAL CARE TECHNOLOGY
THIRD YEAR (From 2020-2021 onwards)
PAPER II – ADVANCED CRITICAL CARE PART II
BRANCH II – GENERAL CRITICAL CARE AND CARDIAC**

Q.P. Code: 281732

Time: Three hours

Maximum: 100 Marks

Answer ALL Questions

I. Elaborate on:

(2 x 20 = 40)

1. Define Hemothorax and describe in detail about clinical features and diagnosis and critical care management.
2. Ventricular Tachycardia – Diagnosis, features and management.

II. Write notes on:

(10 x 6 = 60)

1. Cardiac emergencies and arrest.
2. Explain detail about congenital heart diseases.
3. Short note on viral myocarditis.
4. Airway management.
5. Evaluation of pulmonary hypertension.
6. Dissection of Aorta.
7. Features of Right Ventricular Failure.
8. Vasopressors.
9. Bedside cardiac assessment.
10. Post MI exercise testing indication and usefulness.
