

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

[AHS 0523]

MAY 2023

Sub. Code: 2212

**M.Sc. RESPIRATORY THERAPY
SECOND YEAR (From 2020-2021 onwards)
PAPER II – CRITICAL CARE MEDICINE**

Q.P. Code: 282212

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Define Congestive Heart failure. Explain about its types, causes, symptoms, diagnosis and prognosis.
2. What is Transvenous Pacemaker? Explain its Indication, Contraindication, Principle, Procedure and Complications.

II. Write Short Notes on:

(10x6 = 60)

1. Procedure of Intra-Aortic Balloon Pump.
2. Define Cardio Version and its types and uses.
3. What is the management of low cardiac output states patient?
4. Describe the Universal Algorithm for adult emergency cardiac care.
5. Describe about Asystole treatment algorithm.
6. Rehabilitation of Post-operative CABG.
7. Describe Arrhythmias.
8. Explain about Rapid sequence intubation.
9. Care of Patient in mechanical ventilation.
10. Fluid responsiveness in septic and cardiogenic shock.
