

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

[AHS 0423]

APRIL 2023

Sub. Code: 2618

**B.Sc. RESPIRATORY THERAPY
THIRD YEAR (Regulations 2014-2015 & 2018-2019 onwards)
PAPER III – LIFE SUPPORT SYSTEM
Q.P. Code: 802618**

Time: Three Hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Describe Cardiac Arrest and Management of Pulseless Arrest.
2. Describe steps to manage an Obstructed Airway and the Airway Adjuncts used in the management.
3. Describe steps and management of Adult Basic Life Support (Adult BLS).

II. Write notes on:

(8 x 5 = 40)

1. Steps and management of Infant Basic Life Support (BLS in an infant).
2. What is Defibrillation? Describe the types of Defibrillators.
3. AED and steps to operate an AED.
4. What is Respiratory Arrest and describe the management of Respiratory Arrest.
5. Laryngeal Mask Airway (LMA).
6. Mild Therapeutic Hypothermia.
7. Invasive CPR.
8. C-spine injury.

III. Short answers on:

(10 x 3 = 30)

1. Tension pneumothorax.
2. Diagnostic Peritoneal Lavage.
3. Cardioversion.
4. Atropine.
5. Adenosine.
6. Ventricular fibrillation.
7. Neurogenic shock.
8. Focused Abdominal Sonography in Trauma (FAST).
9. Rapid Response Team (RRT).
10. Choking.
