

**VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)**

**B. Sc (TRAUMA CARE MANAGEMENT) DEGREE
EXAMINATION – March 2019
Third Year**

PRINCIPLES OF CRITICAL CARE

Time: Three hours

Maximum: 80 marks

(Answer all the Questions)

SECTION – A

I. Write essays of the following: (2 x 15 = 30)

1. Give a detailed note on hypertensive crisis.
2. Cardiogenic shock – clinical features, pathophysiology, investigations and management.

SECTION – B

II. Write short notes of the following: (6 x 5 = 30)

3. Management algorithm for Brady arrhythmia.
4. List of equipments and procedural steps for Endotracheal Intubation.
5. Types of Intravenous fluid with examples for each.
6. Causes and management for placental abruption.
7. Muscarinic signs of organophosphorous compound poisoning.
8. Management of sepsis according to surviving sepsis campaign guidelines.

SECTION – C

III. Write short answers for the following: (10 x 2 = 20)

9. Hampton Hump Sign.
10. Abbreviate – TRALI.
11. Sellick's Maneuvre.
12. Precipitating factors for Acute Asthma.
13. Hydrostatic pressure.
14. Tidal volume.
15. Curling's ulcer.
16. Causative organism for gas gangrene.
17. Indications for non invasive ventilation.
18. Doses for Hepatitis – B Vaccination with Intervals.