

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

**B. Sc (TRAUMA CARE MANAGEMENT) DEGREE
EXAMINATION – August 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 an account of acute coronary syndromes.
2. What is hypovolemic shock? Explain the clinical features, pathophysiology, classification and management of hypovolemic shock.

SECTION – B

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

3. Assessment of airway management
4. Respiratory acidosis
5. Management of polytrauma
6. Clinical features and pathophysiology of acute severe asthma
7. Management algorithm for pachy arrhythmia
8. Clinical features and management of snake bite

SECTION – C

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

9. Constable Angina
10. Cardiogenic shock
11. Causes of Hyperkalemia
12. Criteria for weaning
13. Advantage and disadvantage of laryngeal mask airway
14. Venturi mask
15. Types of fluid
16. Indications for blood transfusion
17. Parkland formula
18. Placental abruption
