

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

B. Sc (TRAUMA CARE MANAGEMENT) DEGREE
EXAMINATION – August 2018
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. Acute Myocardial Infarction – Risk factors, clinical manifestations, Investigations and management.
2. Give a detailed note about snake bite Envenomation.

SECTION – B

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

3. Massive blood transfusion.
4. Management of unstable Tachyarrhythmia.
5. Well's criteria and pathophysiology – pulmonary Embolism.
6. Management of Hyperkalemia.
7. Pathophysiology and management of chronic obstructive pulmonary disease patient.
8. Post Partum Hemorrhage – causes and Management.

SECTION – C

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

9. Define shock.
10. Bag valve mask – Indications and Technique to use.
11. Classic features of 2^o or partial thickness burn.
12. Components of cyanokit.
13. Clinical features of Hypovolemic shock.
14. Causes of Metabolic acidosis.
15. Type -2 Respiratory failure.
16. Uses of Waveform capnography.
17. Define Multiorgan dysfunction syndrome (MODS).
18. ECG criteria for Mobitz Type II or second degree AV block.