

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

**M.Sc (Advanced Care Paramedic) DEGREE EXAMINATION - December
2021**

First Year

TRAUMA & SURGICAL PROBLEMS IN CRITICAL CARE

Three Hours

Maximum: 75 marks

I. Write an Long essay on: (2 x 15 = 30)

1. Explain in detail about Trauma: Systems and Injury Prevention.
2. What are the types of injuries that affect the pelvic and lower extremities?
3. Explain in detail about Necrotizing Fasciitis and Other Soft Tissue Infections.
4. Explain in detail about Gastrointestinal Motility in the Critically Ill Patient.

II. Write short essay on : (5 x 6 = 30)

5. What are the Current Challenges and Future Trends in EMS?
6. Explain the Equipment for Stabilization, Resuscitation, and Treatment in EMS.
7. Spinal Immobilization & Guidelines Allowing Cervical Spine Clearance in the Field?
8. Explain about Primary survey.
9. Write about Hepatic Dysfunction.
10. Write about Bleeding wound types and management.
11. Write about Pressure Sores: Prevention and Treatment.
12. What is Stress Ulcer Syndrome and it`s management?

III. Write short Answer on : (5 x 3 = 15)

13. What is a quick test used to evaluate blunt abdominal trauma?
14. What is a quick temporary management of sucking chest wound?
15. What is GCS and how do you measure it?
16. Define TRISS trauma scoring system.
17. What does SAMPLE stand for in First Aid?
