

CRITICAL CARE MEDICINE
THEORY PAPER

Time : 3 hours

Max. Marks : 100

**Attempt all questions in order.
Each question carries 10 marks.**

Write short notes on:

1. Define Auto PEEP. What are the adverse consequences of auto PEEP and methods to decrease auto PEEP? 3+(4+3)
2. a) Trimodal death distribution. 5+5
b) Damage control resuscitation.
3. What are the common Toxidromes? Outline the principles of initial management of poisoning. 4+6
4. What are the common complications of chronic liver disease? Briefly discuss the management of gastrointestinal haemorrhage in chronic liver disease. 4+6
5. What are the commonly used vasoactive drugs in cardiogenic shock? 10
6. Describe Transeosophageal pressure in mechanical ventilation. Describe its role in lung protective ventilation. 6+4
7. Define septic shock. What is the role of corticosteroids in septic shock : support your answer with positive/negative trials. 3+7
8. a) Principles of End of Life care. 5+5
b) Osmotic demyelination syndrome.
9. What are the risk factor for Clostridium difficile infections (CDI)? Describe its clinical features and management. 3+(2+5)
10. Briefly outline the management of a patient of post renal transplant admitted with pneumonia in the Intensive Care Unit. 10
