

**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. Aetiology, clinical diagnosis and management of a patient with NOMI (non-occlusive mesenteric ischemia)? 2+4+4
2. What is Refractory and Super refractory status epilepticus? How would you manage them? 2+2+6
3. Draw Forest plot and label its parts. Describe the components of Receiver Operating Curve with an illustrative diagram and list the implications of ROC curve. 5+5
4. How is airway management in critically ill different from those in operation theatres? What are the approaches to handle them? Mention the precautions to be taken while securing the airway of a COVID 19 positive patient? 3+4+3
5. What are the new guidelines for mechanical thrombectomy in acute ischaemic stroke? 10
6. Evaluation and management of a case of acquired thrombotic thrombocytopenic purpura. 10
7. Commonly used inotropes in critically ill patients. 10
8. What are the types of heat stroke? How do you differentiate between heat stroke and heat exhaustion? 5+5
9. What is massive transfusion protocol? Discuss the common causes of peripartum hemorrhage. 5+5
10. What are the different scales used for diagnosing acute renal failure? Which of these can be best applied in critical care setting. 6+4

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