

**Write short notes on:**

1. How would you manage acute liver failure in the ICU? 10
2. a) Bispectral index. 5+5  
b) High frequency nasal cannula.
3. Discuss the approach and management in a case of stroke reporting in six hours. 10
4. Describe approach and treatment of Ventricular tachyarrhythmia. 10
5. Describe antifungal agents. Discuss the role of empirical antifungal therapy in critically ill patients. 3+7
6. a) Percutaneous dilatational tracheostomy. 5+5  
b) Bedside ultrasound in the assessment of diaphragmatic function in a mechanically ventilated patient.
7. a) Critical illness neuromyopathy. 5+5  
b) Difficult airway.
8. a) Syndrome of inappropriate ADH secretion. 5+5  
b) Biomarkers in sepsis.
9. Enumerate the various commonly encountered issues in the management of the obstetric patient in the ICU and briefly describe their management. 10
10. a) Auto-PEEP. 5+5  
b) Nutrition issues in a ventilated patient.