

**D.M. – CRITICAL CARE MEDICINE**

**Paper III – SPECIALISED CRITICAL CARE MEDICINE**

*Q.P.Code: 161483*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss various aetiologies of acute kidney injury in a patient with chronic liver disease. Discuss in detail the diagnosis and management of hepatorenal syndrome.
2. How would you establish brain stem death for organ donation? Discuss the management of an organ donor in the ICU who is scheduled to have harvest of kidneys, liver, lungs and the heart.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Enumerate the differential diagnosis of flaccid paralysis in a critically ill patient.
2. What is thiopentone coma? Discuss the indications, institution and management of thiopentone coma.
3. Discuss treatment of drug resistant Malaria.
4. What are the current recommendations for nutrition and antibiotics in acute severe pancreatitis?
5. What do you mean by cerebral salt wasting syndrome? How would you differentiate cerebral salt wasting syndrome from Syndrome of Inappropriate Secretion of Antidiuretic Hormone?
6. How would you manage a patient admitted to your unit with a suspected anaphylactic shock?
7. Compare and contrast levosimendan and Dobutamine.
8. Write briefly on diagnosis and management of heparin induced thrombocytopenia.
9. Discuss the role of corticosteroids in Acute Respiratory Distress Syndrome.
10. Classify renal replacement therapy. What is the role of peritoneal dialysis in critically ill patients?

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