

**POST DOCTORAL CERTIFICATE IN DIALYSIS
MEDICINE**

00212

Term-End Theory Examination

June, 2013

MCMD-002 : HEMO-DIALYSIS - ADVANCED

Time : 3 hours

Maximum Marks : 70

Note : *Attempt all questions.*

1. A 5 year old child presented with acute kidney injury following diarrhoeal illness. Urine output is 100 ml in the past 24 hours. Weight of the child is 25 kg and height 140 cm. Serum creatinine is 5 mg/dl. Serum potassium 6.4 mg/L. Serum bicarbonate is 10 mg/L. How do you manage this patient ? **20**

2. (a) Discuss the mode of spread, diagnosis, management and prevention of Hepatitis B Viral infection in renal units. **10**
- (b) Discuss the advantages, dis-advantages and the procedure of dialyzer reuse. **10**

3. What are the indications for haemodialysis in a pregnant patient and discuss the special considerations during haemodialysis ? **10**

4. Discuss the principles, indications, advantages and problems of slow low efficiency dialysis (SLED). How does it differ from continuous renal replacement therapy (CRRT) ? **10**

 5. Discuss the aetiopathogenesis and management of pericarditis in haemodialysis patients. **10**
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