

**D.M. – NEPHROLOGY**

**Paper III – NEPHROLOGY – DIALYSIS AND TRANSPLANTATION**

*Q.P.Code: 161203*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. What are the risk factors for BK virus nephropathy?  
How will you treat a patient diagnosed with BK virus nephropathy?  
What are the recommended screening strategies for BK virus nephropathy?
2. What are the clinical manifestations, diagnostic criteria and principles of management of culture positive bacterial CAPD peritonitis?  
What interventions have been shown to reduce the risk of developing CAPD peritonitis?

**II. Write notes on:**

**(10 x 7 = 70)**

1. C4d and its role in diagnosis of allograft dysfunction.
2. Non-infectious complications of CMV.
3. Banff classification for acute rejection.
4. Risk factors and management of recurrent FSGS.
5. Dialysis disequilibrium syndrome: Pathogenesis and prevention.
6. Management of a repeatedly hypotensive individual in Hemodialysis.
7. Pre-operative evaluation for vascular access.
8. Renal indications for therapeutic plasma exchange.
9. Icodextrin: Mechanism of action, benefits and adverse effects.
10. Measures of Peritoneal Dialysis (PD) adequacy.

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