

**(LM 011)****FEBRUARY 2018****Sub. Code:1203****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. In a critically ill patient on multiple inotropes and acute kidney injury, describe the options of renal replacement therapy that you would consider. What are the dialysis orders you will plan?
2. What are the different fluids available for peritoneal dialysis? Write the merits and demerits of the use of each of them. Briefly describe sodium sieving – mechanism and importance.

**II. Write notes on:****(10 x 7 = 70)**

1. Nocturnal home hemodialysis.
2. Diagnosis and management of tunnel infection in Continuous Ambulatory Peritoneal Dialysis (CAPD).
3. Hemodiafiltration.
4. Role of anti- human globulin test in pre-transplant crossmatch testing.
5. Drug non compliance in kidney transplantation.
6. Restless leg syndrome.
7. Single-pool Kt/V.
8. Predialysis Education Program.
9. Role of induction in kidney transplantation.
10. IgA nephropathy recurrence in the allograft.

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