

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 Cytomegalovirus (CMV) infection? Discuss the relative merits and demerits of Prophylactic and Pre-emptive CMV therapy. How will you treat a patient diagnosed with CMV disease?
2. Compare early and late complications of an ArterioVenous (AV) fistula. How will you evaluate and manage an AV fistula with declining flow rate and high venous pressures? Discuss vascular access surveillance strategies.

II. Write notes on:

(10 x 7 = 70)

1. Antibody mediated rejection : Diagnosis and management.
2. Renal transplantation in HIV positive recipients.
3. Crossmatch techniques in renal transplantation.
4. Dry weight and volume assessment in haemodialysis.
5. Steps to be taken to reduce the culture negative peritonitis rate for a peritoneal dialysis center.
6. Vascular steal syndrome : Clinical features and management.
7. Differential diagnosis and evaluation of PD catheter malfunction.
8. Anticoagulation in haemodialysis patients at risk for bleeding.
9. Role of peritoneal dialysis for management of refractory heart failure.
10. Hepatitis B vaccination schedule in patients on dialysis and interventions to improve seroconversion rate.
