

B.Sc. DIALYSIS TECHNOLOGY
THIRD YEAR
PAPER I – DIALYSIS TECHNOLOGY

Q.P. Code: 801321

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Define Acute kidney injury (AKI). Classification and causes of AKI. Indications for dialysis.
2. Anticoagulation techniques in hemodialysis.
3. Approach to peritonitis in a peritoneal dialysis patient.

II. Write notes on:

(8 x 5 = 40)

1. Access recirculation.
2. Adequacy of hemodialysis.
3. Plasmapheresis.
4. Acute peritonitis in CAPD patient.
5. Adequacy of Dialysis.
6. Causes of fever in a dialysis patient and management.
7. Reuse of dialyzers.
8. Mention various Iron preparations. Complications of using iron injections.

III. Short answers on:

(10 x 3 = 30)

1. Causes of anaemia in dialysis patient.
2. Ultrafiltration failure in Peritoneal dialysis.
3. Indications for SLED.
4. Dialysis disequilibrium syndrome.
5. AV fistula cannulation techniques.
6. Complication of chronic hemodialysis.
7. Care of permanent HD catheter.
8. Causes of PD outflow failure.
9. Management of hyperkalemia.
10. Indications for CRRT.
