

(LH 012)

AUGUST 2015

Sub. Code:1204

D.M. – NEPHROLOGY

Paper IV – RECENT ADVANCES

Q.P.Code: 161204

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. ABO incompatible renal transplantation- plan, pre transplant preparation, complications and post transplant monitoring.
2. Acute Kidney Injury (AKI) in a medical oncology unit – Discuss the causes, management and outcome.

II. Write notes on:

(10 x 7 = 70)

1. Bile cast nephropathy –cause, pathology and treatment.
2. What is C 4 DDD (Complement 4 Dense Deposit Disease)? – Highlight on the pathomechanism and investigation.
3. Medical management of calcium oxalate stones.
4. ‘Apol 1’ gene polymorphism in renal diseases.
5. Role of endothelin antagonists in renal diseases.
6. Bortezomib – mechanism of action and indications in nephrology.
7. Investigation and treatment of atypical hemolytic uremic syndrome.
8. Phospholipase A2 receptor antibody.
9. Diagnosis of acute coronary syndrome in a patient with Chronic Kidney Disease.
10. Recent insights in the treatment of autosomal dominant polycystic kidney disease.
