

(LR 009)

NOVEMBER 2020
(AUGUST 2020 SESSION)

Sub. Code: 1201

D.M. – NEPHROLOGY

Paper I – NEPHROLOGY – BASIC SCIENCES

Q.P. Code: 161201

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss renal handling of potassium. Etiology and management of hypokalemia.
2. Discuss the role of precision medicine in nephrology.

II. Write notes on:

(10 x 7 = 70)

1. Urine examination for proteinuria
2. Heymann's nephritis
3. Differential diagnosis of linear immunofluorescence pattern on renal biopsy
4. Renal glycosuria
5. Crystal induced acute kidney injury
6. Evaluation of polyuria
7. Treatment of hyperphosphatemia in chronic kidney disease
8. Serological diagnosis of systemic lupus erythematosus
9. Use of diuretics in chronic kidney disease
10. Genes involved in the development of kidney
