Rajiv Gandhi University of Health Sciences

D.M Degree Examination – JULY-2018

Time: Three Hours **Max. Marks: 100 Marks**

NEPHROLOGY - PAPER –I

QP Code: 7271

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAY (These questions carry 10 marks each) **10 x 10 = 100 Marks**

1. Vit D resistant rickets
2. Anti Idiotypic antibody
3. Glomerulotubular balance
4. Hypoglycemic nephropathy
5. Proteomics in CKD
6. Phosphatonins
7. Renal embrygenesis
8. Hemodiafiltration
9. Urinary concentration mechanism
10. Angiotensin and developmental anomaly

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D.M Degree Examination – JULY-2018

Time: Three Hours **Max. Marks: 100 Marks**

Nephrology - PAPER – II

QP Code: 7272

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAY (These questions carry 10 marks each) **10 x 10 = 100 Marks**

1. Factors regulating peritoneal solute transport
2. Nocturnal hemodialysis
3. Pathogenesis and management of Hypernatremia
4. Water treatment in hemodialysis
5. Anti glomerulo basement membrane mediated glomerular disease
6. Management of IgA nephropathy
7. Reflux nephropathy – pathogenesis and management
8. Radiocontrast induced renal failure and its prevention
9. BK virus nephropathy – diagnosis and treatment
10. Atypical haemolytic uremic syndrome – present concept in management

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D.M Degree Examination – JULY-2018

Time: Three Hours **Max. Marks: 100 Marks**

Nephrology - PAPER – III

QP Code: 7273

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAY (These questions carry 10 marks each) **10 x 10 = 100 Marks**

1. Class I HLA system
2. Peritoneal equilibration test and its importance
3. Define tolerance. Describe mechanism leading to tolerance.
4. Cast nephropathy
5. Describe bio-incompatibility of dialysis membrane.
6. Discuss the role of mTOR inhibitors in renal transplant.
7. Indications and outcomes of automated peritoneal dialysis as compared to Continuous Ambulatory Peritoneal Dialysis.
8. IV iron in management of anemia in patient of chronic kidney disease – stage VD
9. Daily nocturnal hemodialysis
10. Management issues in children on maintenance hemodialysis

D.M Degree Examination – JULY 2018

Time: Three Hours **Max. Marks: 100 Marks**

NEPHROLOGY - PAPER –IV

QP Code: 7274

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAY (These questions carry 10 marks each) **10 x 10 = 100 Marks**

1. Smoking and kidney disease
2. Mechanism of inheritance of CAKUT
3. Epigenetics in renal diseases
4. HIF inhibitors
5. Role of biocompatible solutions in continuous ambulatory peritoneal dialysis
6. Newer oral potassium lowering medications
7. Primary hyperoxaluria
8. Kidney disease in patients with cancer
9. Outcome of spousal donor v/s related donor in renal transplantation
10. PEARL 1 and 2 trail