Rajiv Gandhi University of Health Sciences

D.M Degree Examination – JULY-2019

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. Use of Vaptans in nephrology
2. Management of high anion gap metabolic acidosis
3. Renal handling of phosphate and renal causes of hypophosphatemia
4. ADPKD slowing of disease progression strategies
5. Renal complications of NSAIDs
6. Uremia and immunity
7. Cell-cell and cell-matrix interaction
8. Antenatal diagnosis of kidney diseases
9. Natriuretic peptides
10. Renal ammoniagenesis

D.M Degree Examination – JULY-2019

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. Plasmapheresis in Glomerular diseases
2. PNH and kidney
3. Immune mechanism in Acute interstitial nephritis
4. C3 Glomerulonephritis
5. Pigment nephropathy
6. Renal complications of Takayasu arteritis
7. Stem cell therapy in glomerular disease
8. Therapy for class 5 lupus nephritis
9. Aminoglycoside induced AKI
10. Masugi nephritis

Rajiv Gandhi University of Health Sciences

D.M. Degree Examination - JULY-2019

[Time: 3 Hours] [Max. Marks: 100]

NEPHROLOGY - PAPER-III

Q.P. 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. Mechanical complications of peritoneal dialysis
2. Nutrition in hemodialysis patients
3. Non directed donors
4. HLA typing techniques
5. Kidney and pancreas transplantation
6. Access recirculation
7. Psychiatric aspects of kidney transplantation
8. Innovative transplantation protocols
9. Dialysis adequacy
10. Hemodiafiltration

D.M. Degree Examination - JULY-2019

[Time: 3 Hours] [Max. Marks: 100]

NEPHROLOGY - PAPER-IV

Q.P. 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. Gut renal access
2. Kidney donation in pregnancy
3. Evaluation of donor – recent concepts and guidelines
4. Newer CAPD solutions
5. Renal transplantation act – past and present
6. SGLT2 inhibitors
7. Newer biomarkers in kidney disease
8. Desensitization protocols
9. Discuss newer oral anti HCV drugs.
10. Novel therapies in ADPKD

Rajiv Gandhi University of Health Sciences

D.M. Degree Examination - 11-Dec-2019

[Time: 3 Hours] **[Max. Marks: 100]**

NEPHROLOGY - PAPER-I
Q.P. 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. Discuss in brief about the development of urogenital system.
2. Discuss in brief about knock out mouse model.
3. Regulation of renal hemodynamics and glomerular filtration
4. Renal handling of phosphorus
5. Imaging in clinical nephrology
6. Structural and functional changes in ageing kidney
7. Renal acidification mechanism
8. Idiopathic edema
9. Proximal convoluted tubule
10. Diuretic breaking phenomenon

D.M Degree Examination – 13-Dec-2019

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. Pathogenesis of AKI in malaria
2. Rheumatoid arthritis and kidney
3. Light chain deposition disease
4. JNC VIII guidelines
5. Role of Biomarkers in AKI
6. Glomerular diseases in HCV infection
7. Prevention of Contrast associated nephropathy
8. Management of idiopathic membranous nephropathy
9. Nutrition in CKD on maintenance HD
10. SLED vs CRRT in critically ill patients

Rajiv Gandhi University of Health Sciences

D.M Degree Examination – 16-Dec-2019

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. Delayed graft function
2. Special problems of renal transplantation in children
3. Role of extra corporeal therapy in poisoning
4. Erythropoietin stimulating agents in anaemia of CKD
5. Denovo glomerular disease in renal transplant
6. Pathophysiological mechanism of chronic allograft injury
7. Parvo virus B9 infection in renal transplant recipient
8. Risk factors for coronary artery disease in patient of chronic kidney disease
9. Continuous renal replacement therapy
10. Issues in combined kidney pancreas transplant

D.M. Degree Examination - 18-Dec-2019

[Time: 3 Hours] [Max. Marks: 100]

NEPHROLOGY - PAPER-IV

Q.P. 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. BENEFIT trail
2. Recent advances in pathogenesis and treatment of IgA nephropathy
3. Newer modalities in treatment of Lupus Nephritis
4. Novel therapies in ADPKD
5. Newer treatment modalities for diabetic nephropathy
6. Stem cell therapy in renal disease
7. Bortezomib
8. Proteomics in nephrology
9. IgG4 related disease
10. Revised Banff classification