Rajiv Gandhi University of Health Sciences, Karnataka

D.M. Degree Examination – 21-Jun-2024

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 The Questions **10 x 10 = 100 Marks**

1. Host defenses in preventing urinary tract infections.
2. Overflow Protienuria.
3. Role of aldosterone in progression of Chronic Kidney Diseases.
4. Renal ammonia genesis and its importance.
5. Hypoxia inducible factor and erythropoiesis.
6. Urine osmolal gap.
7. Limitations of Blood urea as a marker of GFR and ‘’Novel Markers’’ of acute kidney injury.
8. Animal models of acute kidney injury.
9. Kidney blood flow and medullary hypoxia.
10. Fibroblast growth factor – 23 (FGF-23).

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D.M. Degree Examination – 24-Jun-2024

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 The Questions **10 x 10 = 100 Marks**

1. Approach to a patient with chronic hypokalemia and normal blood pressure.
2. Chemoprophylaxis in a child with Vesicoureteric reflux (VUR)
3. Acquired cystic kidney disease.
4. Management strategies of tertiary hyperparathyroidism in CKD.
5. Clinical features and management of leptospirosis induced acute kidney injury.
6. Idiopathic oedema.
7. Erythropoietin hypo-responsiveness in CKD.
8. Heavy metals and tubular injury.
9. Pathogenesis of collapsing FSGS in HIV.
10. Diagnosis and management of hepatorenal syndrome.

Rajiv Gandhi University of Health Sciences, Karnataka

D.M Degree Examination – 26-Jun-2024

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 The Questions **10 x 10 = 100 Marks**

1. Xenotransplant
2. Delayed graft function
3. New Banff classification
4. Recurrent glomerulonephritis after renal transplantation
5. Newer Vitamin D Analogues
6. Complications of vascular access
7. CAPD in obese patients
8. Ultrafiltration failure in CAPD patient
9. ABPM- Role in management of HTN and Intradialytic HYPO and hypertension
10. Sudden death in a patient on Hemodialysis

D.M Degree Examination – 28-Jun-2024

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 THE QUESTIONS **10 x 10 = 100 Marks**

1. Urinary proteomics
2. Organ preservation solutions and techniques
3. Almetuzumba in renal Transplant
4. Innate immunity of renal transplant
5. Anti angiogenic drugs and Diabetic nephropathy
6. Animal models of pre eclampsia
7. Radioisotopes used in nephrology
8. EVOLVE trail
9. Role of cilia in pathogenesis of ADPKD
10. Medical Vs Interventional therapy in atherosclerotic RAS