Rajiv Gandhi University of Health Sciences, Karnataka

M.Ch. Degree Examination – 10-Aug-2022

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

UROLOGY - PAPER – I
QP Code: 9161

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. Discuss briefly about the evaluation of obstructive azoospermia
2. Write about the risk-based management of the Inguinal lymph nodes in Carcinoma Penis.
3. Role of testis sparing surgery in testicular tumors
4. Non-squamous tumors of the Penis
5. Tissue Engineering and its use in Urology
6. Renal Echinococcosis
7. Intracorporeal Lithotripsy
8. Biomaterials in Urology
9. Metabolic syndrome and Urologic diseases
10. Write about the evaluation of patients with Microhematuria.

M.Ch. Degree Examination – 12-Aug-2022

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

UROLOGY - PAPER – II
QP Code: 9162

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

Answer All The Questions **10 x 10 = 100**

1. Malakoplakia of kidney – etiology, pathology, clinical presentation and management
2. Management of obstructive megaureter
3. Nephrogenic systemic fibrosis
4. Metabolic complications of urinary diversion
5. Renal echinococcosis – pathogenesis, clinical features and management
6. Discuss classification and management of female sexual dysfunction
7. Mention the complications related to obtaining pneumopertitoneum
8. Pathophysiology and evaluation of posterior urethral valve
9. Extracorporeal shockwave lithotripter and complications of procedure
10. Discuss pathophysiology and management of overactive bladder.

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Rajiv Gandhi University of Health Sciences, Karnataka

M.Ch. Degree Examination – 16-Aug-2022

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

UROLOGY - PAPER – III
QP Code: 9163

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. Complications of Penile Prosthesis surgery.
2. Benign tumors of the Bladder.
3. Write briefly about the Rationale and Indications for Fetal intervention.
4. Urethral Duplication.
5. Pathophysiology and Treatment of Enuresis.
6. Management of Penile fracture in a young male.
7. Robotic Partial Nephrectomy.
8. Intratubular Germ cell Neoplasia.
9. Mycophenolate Mofetil.
10. Management of Positive margin following Radical Prostatectomy.

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M.Ch Degree Examination – 18-Aug-2022

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

UROLOGY - PAPER – IV
QP Code: 9164

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. Types of Penile Prosthesis and describe the surgical steps of inflatable Penile prosthesis surgery.
2. Urine based Biomarkers.
3. Cancer Vaccines.
4. Metabolic Syndrome and Urologic diseases.
5. Retrieval technique in Deceased donor.
6. Immunotherapy, Checkpoint inhibition and the role of the Programmed Cell death 1 receptor.
7. Enhanced Recovery after surgery (ERAS): Principles and Application to Urological surgery.
8. Management strategies in a patient with Biochemical recurrence after Radical Prostatectomy.
9. Complications of Renal transplant in a patient with optimized abnormal lower urinary tract.
10. Robotic Partial Nephrectomy.

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