[Duration: 3 Hours]

[Max.Marks.100]

M.Ch UROLOGY - PAPER - I QP CODE: 10001

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

### LONG ESSAY

 $2 \times 20 = 40 \text{ Marks}$ 

1. Role of MRI in diagnosis and management of hormone naïve and hormone resistant Ca. prostate

2. Renal anatomy with reference to stone surgery (Endoscopy and open surgery)

### **SHORT ESSAY**

 $6 \times 10 = 60 \text{ Marks}$ 

3. Renin Angiotension system

- 4. Chyluria of renal origin pathogenesis and management
- 5. Chronic prostatitis and management
- 6. Anatomy of the renal vasculature
- 7. Pre-operative preparations for pheochromocytoma and its physiological basis
- 8. Nerve supply of the urinary bladder in relation to SUI

[Duration: 3 Hours]

[Max.Marks.100]

### M.Ch UROLOGY - PAPER - II QP CODE: 10002

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

## LONG ESSAY

 $2 \times 20 = 40 \text{ Marks}$ 

- 1. Discuss with suitable diagram the clinical presentations, investigations and management options of renal pelvic tumor in 45 years old male smoker patient. What are complications of laparoscopic radical nephroureterectomy.
- 2. Discuss the grading of primary vesicoureteral reflux (VUR). How you will evaluate and manage a case of febrile UTI with bilateral VUR in 3 years male child. What are complications of untreated VUR?

#### SHORT ESSAY

6 X 10=60 Marks

- 3. Diagnosis and management of adrenal myelolipoma
- 4. Diagnosis and management of early cancer prostate in 50 years old
- 5. Clinical presentations and management options in Refractory high grade NMIBC
- Evaluation and management of acute scrotal trauma by cricket ball
- 7. Diagnosis and management of acute renal failure (ARF) in young patient
- 8. Diagnosis and management of penile fracture in sexually active young male

[Duration: 3 Hours]

[Max.Marks.100]

M.Ch UROLOGY – PAPER – III QP CODE: 10003

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

### LONG ESSAY

 $2 \times 20 = 40 \text{ Marks}$ 

- 1. Management of 26yrs female with endometriosis and RT HUN (Lower ureter)
- 2. Classify VUR discuss the evaluation and management

#### **SHORT ESSAY**

 $6 \times 10 = 60 \text{ Marks}$ 

- 3. Complicated vesicovaginal fistulas
- 4. Uroflometry
- 5. Congenital causes of infertility
- 6. Transplant in PUV child
- 7. Peritoneal dialysis
- 8. Define biochemical recurrence in carcinoma prostate and outline its managements

[Duration: 3 Hours]

[Max.Marks.100]

M.Ch UROLOGY – PAPER – IV QP CODE: 10004

Your answer should be specific to the questions asked. Draw neat labeled diagrams wherever necessary. Each answer should be written on new page only.

### **LONG ESSAY**

 $2 \times 20 = 40 \text{ Marks}$ 

- 1. Discuss the recent advances in organ preserving techniques for Squamous cell carcinoma of Penis. Indications of Partial penectomy, Total penectomy and Radical excision for carcinoma of penis. Outline the steps of Partial Penectomy with the help of labeled schematic diagrams.
- 2. Preoperative preparation of a case of functional adrenal Pheochromocytoma clearly mentioning Goals, Medications, Monitoring, time duration required for satisfactory preparation and judgment for adequacy of preparation.

#### SHORT ESSAY

 $6 \times 10 = 60 \text{ Marks}$ 

- 3. Describe the recent advances in disinfection of endoscopic instruments.
- 4. Causes for significant post-PCNL bleeding and options for management
- 5. Peyronie's disease
- 6. Buccal mucosal graft for urological reconstruction
- 7. Outline management of patients with hypo contractile detrusor.
- 8. Torsion of Testis