

July 2017

**BLDE UNIVERSITY**  
**M.Ch. DEGREE EXAMINATION**

[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**

**1 X 20 = 20 Marks**

1. Anatomy of the Vesico-ureteric junction, pathogenesis of VUR and current status of antibiotic prophylaxis in its management

**SHORT ESSAY**

**8 X 10 = 80 Marks**

2. Contrast induced nephropathy (CIN)
3. Define classify hematuria & discuss evaluation of hematuria of urological origin
4. Renin-Angiotensin Aldosterone system (RAAS)
5. Evaluation and management of recurrent UTI in an adult female patient
6. Antimuscarinics
7. Uroflow
8. Spermatogenesis
9. Lichen sclerosis atrophicus

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**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**

**1 X 20 = 20 Marks**

1. Discuss the staging and management of Wilm's Tumor.

**SHORT ESSAY**

**8 X 10 = 80 Marks**

2. Antibiotic prophylaxis in VUR.
3. Discuss the management options of 2cm calculus in lower calyx.
4. How do you recognize TUR syndrome and how to prevent it.
5. How do you manage a case of nocturnal enuresis.
6. Discuss the role of lymphadenectomy in RCC.
7. Oxalobacter formigenes.
8. Microsurgery for obstructive Azospermia.
9. Endo-pyelotomy.

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**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**

**1 X 20 = 20 Marks**

1. Management of non muscle invasive high grade urothelial cell carcinoma of urinary bladder.

**SHORT ESSAY**

**8 X 10 = 80 Marks**

2. Active surveillance in renal tumors.
3. Genito-urinary manifestation of AIDS
4. Medullary Sponge kidney.
5. Uretero-ileal stricture – aetiology and management.
6. Urethro-cutaneous fistula after hypospadias repair – aetiology and management.
7. Bicalutamide.
8. Neuromodulation for OAB.
9. Cryosurgery for localized prostatic carcinoma.

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**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**

**1 X 20 = 20 Marks**

1. Discuss the present applications and future scope of laparoscopic surgeries in urology.

**SHORT ESSAY**

**8 X 10 = 80 Marks**

2. Cryoablation for renal tumors.
3. Current concepts in the management of staghorn calculus.
4. Flow cytometry.
5. Mainz II pouch.
6. Urethral stents.
7. Duloxetine.
8. PET in urology.
9. Tissue sealants in urology.