

**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**

**2 X 20 = 40 Marks**

1. Describe the embryology of posterior urethral valve. Classify them and how will you evaluate and manage the child with posterior urethral valve diagnosed at birth.
2. Describe the neurovascular anatomy of penis and how will you evaluate a married man with erectile dysfunction.

**SHORT ESSAY**

**6 X 10 = 60 Marks**

3. Biofilm formation
4. Retrocaval ureter
5. Abdominal leak point pressure
6. Maturation arrest
7. Post obstructive diuresis
8. Role of cytology in bladder tumors

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[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 X 20 = 40 Marks**

1. Discuss the management of castration resistant prostate cancer.
2. Discuss the role of chemotherapy in the management of urothelial carcinoma of the urinary bladder.

**SHORT ESSAY**

**6 X 10 = 60 Marks**

3. Adrenal cortical carcinoma.
4. Captopril renogram.
5. Intravesical chemotherapy in the management of non-muscle invasive bladder cancer.
6. Primary retroperitoneal lymphadenectomy for testicular germ cell tumour.
7. Management of seminoma.
8. Chyluria.

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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**

**2 X 20 = 40 Marks**

1. Discuss the assessment and management of post-prostatectomy urinary incontinence in a male.
2. Describe the assessment and management of a young adult who has suffered blunt right renal injury from a road traffic accident.

**SHORT ESSAY**

**6 X 10 = 60 Marks**

3. Valve bladder syndrome.
4. Gynecological genitourinary fistula.
5. Priapism
6. Steroid resistant renal allograft rejection.
7. Brachytherapy in prostate cancer.
8. Substitution urethroplasty.

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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**

**2 X 20 = 40 Marks**

1. Recent advances in the management of bilateral Wilm's Tumor
2. Advances in the use of lasers in Urology

**SHORT ESSAY**

**6 X 10 = 60 Marks**

3. Advances in management of Pan Urethral Strictures
4. Immunotherapy in renal tumors
5. Role of Chemo prophylaxis in VUR
6. Mitrafanoff's principle
7. Hormone refractory prostate cancer
8. Ureteral access sheath