

FEBRUARY - 2007

[KQ 045]

Sub. Code : 1652

M.Ch. DEGREE EXAMINATION.

(Revised Regulations)

Branch IV —Urology

Paper II — GENERAL ADULT AND PEDIATRIC
UROLOGY

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Essay :

1. Describe the complications of circumcision and their management in brief. (20)
2. Discuss the various options in the management of recurrent urinary tract infection in a 40 year old lady. (15)
3. How do you manage a failed pyeloplasty (open)? (15)

II. Short notes :

(6 × 5 = 30)

1. Indications and Medical Management of Ormond's disease.
2. Kattan's Nomogram.
3. Birt Hogg dube tumor.
4. Wind sock valve.
5. High flow priapism.
6. Adolescent Varicocele – Management.

August-2007

[KR 045]

Sub. Code : 1652

M.Ch. DEGREE EXAMINATION.

(Revised Regulations)

Branch IV — Urology

Paper II — GENERAL ADULT AND PEDIATRIC
UROLOGY

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Essay Questions:

1. Discuss the development of ureter. Classify ureterocele. Discuss the management of ureterocele. (20)

2. Discuss in short the management of persistent hydrouretero Nephrosis after fulguration of posterior urethral valves with mild chronic renal failure (CRF) in a boy aged nine. (15)

3. Discuss in brief the endo-urological management of upper urinary tract urothelial tumours. (15)

II. Short Notes :

(6 × 5 = 30)

(a) Pharmacological manipulations of detrusor functions.

(b) Resectoscope and its accessories with endovision camera.

(c) Intravenous urogram. (I.V.U)

(d) Cystinurea.

(e) Retractable testis.

(f) Emphysematous pyelonephritis.

August - 2009

[KV 045]

Sub. Code: 1652

M.CH DEGREE EXAMINATIONS

(Higher Specialities)

(Revised Regulations)

Branch IV – Urology

Paper II – GENERAL ADULT & PAEDIATRIC UROLOGY

Q.P. Code: 181652

Time: Three hours

Maximum: 100 Marks

ANSWER ALL QUESTIONS

Draw suitable diagrams wherever necessary.

I. Essays: 2 x 20 = 40 Marks

1. Discuss the management of urolithiasis with chronic renal failure.
2. Discuss the etiology of hypospadias. How do you evaluate a child with proximal hypospadias.

II. Write short notes on: 10 X 6 = 60 Marks

1. Mechanisms of renal failure in dominant polycystic kidney disease.
2. Crede's maneuver.
3. Squamous cell carcinoma of the urinary bladder.
4. Enumerate the indications for immediate repair of bladder injury.
5. Enumerate the differentiating features between congenital and acquired bladder diverticulum.
6. Neobladder rupture.
7. Valve bladder syndrome.
8. Giggle incontinence.
9. The dislocated testis.
10. Sacral agenesis.

August 2010

[KX 045]

Sub. Code: 1652

M.CH DEGREE EXAMINATIONS

(Higher Specialities)

(Revised Regulations)

Branch IV – Urology

Paper II – GENERAL ADULT & PAEDIATRIC UROLOGY

Q.P. Code: 181652

Time: Three hours

Maximum: 100 Marks

ANSWER ALL QUESTIONS

Draw suitable diagrams wherever necessary.

I. Essays:

2 x 20 = 40 Marks

1. Discuss the various options in the management of recurrent urinary tract infection due to re-infection in a 30 year old lady.
2. Discuss the aetiopathogenesis and management of chyluria.

II. Write short notes on:

10 X 6 = 60 Marks

1. Renal osteodystrophy.
2. Spontaneous renal haemorrhage.
3. Female varicocele.
4. Mega calicosis.
5. Leak point pressures.
6. Bilateral single system ectopic ureters.
7. Megalourethra.
8. Sibling reflux.
9. Genital defects in extrophy-epispadias complex.
10. Sertoli cell only syndrome.

August 2011

[KZ 045]

Sub. Code: 1652

MASTER OF CHIRURGIAE (M.Ch.) DEGREE EXAMINATION
(SUPER SPECIALITIES)

BRANCH IV – UROLOGY

GENERAL ADULT AND PAEDIATRIC UROLOGY

Q.P. Code: 181652

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

**Pages Time Marks
(Max.) (Max.) (Max.)**

- | | | | |
|--|----|----|----|
| 1. Describe the development of Trigone and Urinary Bladder.
How will you evaluate and manage a 5 year old Child with
Vesico – Ureteric Reflux. | 11 | 35 | 15 |
| 2. Discuss the Aetiopathogenesis, Clinical feature
and management of Chyluria. | 11 | 35 | 15 |

II. Write notes on :

- | | | | |
|---|---|----|---|
| 1. Mechanism of Renal failure in Dominant Polycystic
Kidney. | 4 | 10 | 7 |
| 2. Etiology and management of Squamous cell Carcinoma of
Urinary Bladder. | 4 | 10 | 7 |
| 3. Megalourethra. | 4 | 10 | 7 |
| 4. Bilateral Single System Ectopic Ureter – Clinical feature
and management. | 4 | 10 | 7 |
| 5. Serotoli cell only Syndrome. | 4 | 10 | 7 |
| 6. Prune – Belly Syndrome. | 4 | 10 | 7 |
| 7. Yolk Sac Tumor – Testis. | 4 | 10 | 7 |
| 8. Carcinoma in Situ Bladder – Clinical Feature and
management. | 4 | 10 | 7 |
| 9. How will you manage Post Renal Transplantation →
Oligo - Anuria. | 4 | 10 | 7 |
| 10. Penile Fracture. | 4 | 10 | 7 |

[LB 045]

AUGUST 2012

Sub. Code: 1652

M.Ch – UROLOGY

Paper – II GENERAL ADULT AND PAEDIATRIC UROLOGY

Q.P. Code: 181652

Time : 3 hours
(180 Min)

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

Pages Time Marks
(Max.) (Max.) (Max.)

- | | | | |
|--|----|----|----|
| 1. Etiopathogenesis of bladder exstrophy and describe the steps of primary exstrophy repair. | 16 | 35 | 15 |
| 2. Natural history of benign prostatic hyperplasia and the principles of its medical management. | 16 | 35 | 15 |

II. Write notes on :

- | | | | |
|--|---|----|---|
| 1. Neourethral coverage in hypospadias repair. | 4 | 10 | 7 |
| 2. Management of post-transplant ureteric stricture. | 4 | 10 | 7 |
| 3. Organ sparing treatment of penile carcinoma. | 4 | 10 | 7 |
| 4. Urine analysis – diagnostic implications. | 4 | 10 | 7 |
| 5. Detrusor external sphincter dyssynergia. | 4 | 10 | 7 |
| 6. Evaluation of the recurrent stone former. | 4 | 10 | 7 |
| 7. Urological applications of botulinum toxin. | 4 | 10 | 7 |
| 8. Jejunol conduit syndrome. | 4 | 10 | 7 |
| 9. Intensity modulated radiation therapy – application in urology. | 4 | 10 | 7 |
| 10. BCG failure – management. | 4 | 10 | 7 |

(LD 045)

AUGUST 2013

Sub. Code:1652

M.Ch. – UROLOGY
Paper – II GENERAL ADULT AND PAEDIATRIC UROLOGY
Q.P.Code: 181652

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X15=30)

1. Describe the risk stratification and management of good risk metastatic nonseminomatous germ cell tumors of the testis.
2. Discuss the pathophysiology and management of vesicoureteric reflux.

II. Write notes on:

(10X7=70)

1. Algorithm for diagnosis and management of ejaculatory duct obstruction.
2. Pathophysiology of interstitial cystitis.
3. No scalpel vasectomy.
4. Management options in failed pyeloplasty.
5. Prognostic factors in renal cell carcinoma.
6. Abdominal leak point pressure.
7. How to evaluate the function of a non-visualized kidney on intravenous Urogram.
8. Valve bladder syndrome.
9. Growing teratoma syndrome.
10. Tests for biochemical diagnosis of Pheochromocytoma.

[LF 045]

AUGUST 2014

Sub. Code: 1652

M.Ch. – UROLOGY

Paper II – GENERAL ADULT AND PAEDIATRIC UROLOGY

Q. P. Code: 181652

Time: Three Hours

Maximum: 100 Marks

Answer ALL questions in the same order.

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the Antenatal diagnosis of Hydronephrosis and the post natal management of antenatally diagnosed hydronephrosis.
2. Discuss the pathogenesis, investigations and treatment of castrate resistant prostate cancer.

II. Write notes on:

(10 x 7 = 70)

1. Urinary diversions in Posterior Urethral Valves
2. Hyper filtration renal injury
3. Injection therapy in VUR
4. Desmopressin
5. Captopril Renography
6. Oncogenes
7. Von-Hippel Lindau syndrome
8. Diagnosis and management of priapism
9. Contrast nephropathy
10. Post obstructive diuresis.
