

POST-DOCTORAL DEGREE EXAMINATION – AUGUST 2022
M.Ch. UROLOGY

Time: 3 Hours

Max. Marks: 100

PAPER – I
Basic Sciences as applied to Urology

Q.P. Code: 1509

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All questions are compulsory.

Question Number

Marks

ESSAY QUESTIONS:

10 X 10 = 100

1. Pathophysiology of renovascular hypertension.
2. p53.
3. Dilutional Hyponatremia.
4. Embryology of vesicoureteric junction and trigone.
5. RANKL inhibitors and carcinoma prostate.
6. Performance status.
7. Bacterial adherence.
8. Physiology of ejaculation.
9. MIBG scan.
10. eGFR.

POST-DOCTORAL DEGREE EXAMINATION – AUGUST 2022

M.Ch. UROLOGY

Time: 3 Hours

Max. Marks: 100

PAPER – II
Principles and Practice of Urology

Q.P. Code: 1510

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

Question Number

Marks

ESSAY QUESTIONS:

10 X 10 = 100

1. Management of Ureterocele.
2. Intra Vesical chemotherapy.
3. Prostate Cancer Chemo Prevention.
4. Surgery of Erectile Dysfunction.
5. Captopril test.
6. Substitution Urethroplasty.
7. Ambulatory urodynamics.
8. Testicular Feminization syndrome.
9. Neurogenic bladder in spinal cord injury.
10. M3 blockers in urology.

POST-DOCTORAL DEGREE EXAMINATION – AUGUST 2022
M.Ch. UROLOGY

Time: 3 Hours

Max. Marks: 100

PAPER – III
Specialty Urology

Q.P. Code: 1511

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

Question Number

Marks

ESSAY QUESTIONS:

10 X 10 = 100

1. Dynamic sentinel lymph node biopsy.
2. Autonomic dysreflexia.
3. Metabolic evaluation in recurrent urolithiasis.
4. Angiomyolipoma.
5. Hyperbaric oxygen in urology.
6. Tumor suppressor genes and their relevance in urology.
7. Classification of renal injuries.
8. Pathophysiology and surgical management of Peyronie's disease.
9. Drugs in BPH.
10. Significance of rise in PSA after radical prostatectomy and its management.

POST-DOCTORAL DEGREE EXAMINATION – AUGUST 2022

M.Ch. UROLOGY

Time: 3 Hours

Max. Marks: 100

PAPER – IV

Operative Urology and Recent Advances in Urology

Q.P. Code: 1512

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

Question Number

Marks

ESSAY QUESTIONS:

10 X 10 = 100

1. Trials using Abiraterone in metastatic prostate cancer.
2. Recent trends in management of Bladder Bowel dysfunction.
3. Management of BCG refractory NMIBC.
4. Newer advances in ureteral stents technology.
5. Discuss different energy sources used in Minimal Invasive Urology.
6. UROLIFT-technique, limitations.
7. Management of positive surgical margins after partial nephrectomy.
8. Sequencing therapies for metastatic renal cell carcinoma.
9. Thulium fibre laser-principles and its clinical uses.
10. Emerging intraoperative imaging technologies in Urologic Oncology.
