

MANIPAL UNIVERSITY**M.Ch. (UROLOGY) DEGREE EXAMINATION – JULY 2014****SUBJECT: PAPER I: BASIC SCIENCES AS APPLIED TO UROLOGY**

Saturday, July 05, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL questions. Each question carries TEN marks.

1. IgA Nephropathy
2. Paradoxical Incontinence
3. Management of Non-ischemic Priapism
4. Principles of low dose continuous antibiotic prophylaxis
5. Embryology of Ureterocele
6. Hypokalemia in Urology
7. Sperm Maturation and transport
8. Sonourethrogram
9. Bacterial virulence factors and UTI
10. SIRS



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M.Ch. (UROLOGY) DEGREE EXAMINATION – JULY 2014

SUBJECT: PAPER II: GENERAL UROLOGY, FEMALE UROLOGY AND ANDROLOGY

Monday, July 07, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL questions. Each question carries TEN marks.

1. Anejaculation
2. Ischemic priapism
3. Leak point pressures
4. Urethrorectal fistula
5. Oral therapy for interstitial cystitis
6. Newer methods for the diagnosis of urinary tuberculosis
7. Fournier's gangrene
8. Tension free vaginal tape: complications and their management
9. Noncontrast spiral computed tomography in urolithiasis
10. Immunologic infertility



MANIPAL UNIVERSITY**M.Ch. (UROLOGY) DEGREE EXAMINATION – JULY 2014****SUBJECT: PAPER III: OPERATIVE UROLOGY, URO-ONCOLOGY AND PAEDIATRIC UROLOGY**

Wednesday, July 09, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL questions. Each question carries TEN marks.

1. Erectile dysfunction after renal transplantation
2. Abbreviated protocol for low risk, single stone formers
3. Cryotherapy for carcinoma prostate
4. Initial evaluation of a newborn with ambiguous genitalia
5. Materials used for endoscopic correction of reflux
6. Tumor markers for cancer bladder
7. Artificial urinary sphincter : complications and management
8. 5 Alfa reductase inhibitors
9. Evaluation and management of female urethral diverticulum
10. Diagnosis of ectopic ureter



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M.Ch. (UROLOGY) DEGREE EXAMINATION – JULY 2014

SUBJECT: PAPER IV: RECENT ADVANCES IN UROLOGY

Friday, July 11, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL questions. Each question carries TEN marks.

1. Use of tissue engineering in urology
2. Sunitinib
3. Newer Alpha blockers in BPH after Alfuzozin
4. Ultrasound contrast agents
5. Sperm function tests
6. Miniperc technique in PCNL
7. MAG3
8. Role of targeted therapy in metastatic renal cell carcinoma
9. Role of Robotic Surgery in Urology
10. BOTOX and its urological uses

