

Reg. No.

# MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

**M.Ch. (GENITO-URINARY SURGERY) DEGREE EXAMINATION – JULY 2003**

**SUBJECT: PAPER I: BASIC SCIENCES AS APPLIED TO GENITO-URINARY SURGERY**

Tuesday, July 01, 2003

Time: 3 Hrs.

Max. Marks: 100

**Answer all the questions**

1. Discuss the Heredity of Hypospadias and significance of low birth weight.

(36 marks)

2. Write short notes on:

2A. Energy sources of lithotripsy.

2B. Bacterial fimbria.

2C. Ambulator urodynamics.

2D. Continuous ambulatory peritoneal dialysis.

2E. Natural history of simple cysts.

2F. Newer contrasts for uro radiology.

2G. Describe blood supply of renal pelvis with reference to endopyelotomy.

2H. Female urethral diverticulum.

(8×8 = 64 marks)



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**M.Ch. (GENITO-URINARY SURGERY) DEGREE EXAMINATION – JULY 2003**

**SUBJECT: PAPER II: GENERAL UROLOGY**  
Wednesday, July 02, 2003

Time: 3 Hrs.

Max. Marks: 100

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**Answer all the questions**

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1. Discuss the continence mechanisms in the female. Classify stress urinary incontinence. How do you treat type III SUI?

(36 marks)

2. Write short notes on:

2A. Tamoxifen.

2B. Testicular Torsion.

2C. Eosinophilic Cystitis.

2D. Rapamycin.

2E. Cantwell – Ransley Epispadias Repair.

2F. Prevention of infection stones in kidney.

2G. Captopril Renogram.

2H. Valve Bladder Syndrome.

(8×8 = 64 marks)

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**M.Ch. (GENITO-URINARY SURGERY) DEGREE EXAMINATION – JULY 2003**

**SUBJECT: PAPER III: RECENT ADVANCES AND SPECIALTY IN UROLOGY**

Thursday, July 03, 2003

Time: 3 Hrs.

Max. Marks: 100

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**Answer all the questions**

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1. Discuss the current thinking in the Etiopathogenesis of interstitial cystitis and its management.

(36 marks)

2. Write short notes on:

2A. Percutaneous radio frequency ablation of small renal tumours.

2B. Tamsulosin.

2C. Scope of minimally invasive surgery in urology.

2D. Management of uric acid urolithiasis.

2E. Flexible ureterorenoscopy.

2F. OKT3.

2G. MRI in urology.

2H. Role of robots in urology.

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(8 × 8 = 64 marks)

