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## MANIPAL UNIVERSITY

**M.Ch. (GENITO-URINARY SURGERY) DEGREE EXAMINATION – JULY 2008**  
**SUBJECT: PAPER I: BASIC SCIENCES AS APPLIED TO GENITO-URINARY SURGERY**

Tuesday, July 01, 2008

Time: 3 Hrs.

Max. Marks: 100

**Answer ALL questions.**

1. Discuss evaluation and management of infertile man.

(36 marks)

2. Write short notes on:

2A. Renin-angiotensin-aldosterone system.

2B. Mechanism of concentration and dilution of urine.

2C. Renal vein thrombosis.

2D. Atypical mycobacteria.

2E. Calyceal diverticulum.

2F. Nephrogenic adenoma.

2G. Residual urine estimation.

2H. Nocturnal penile tumescence (NPT).

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(8×8 = 64 marks)



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**MANIPAL UNIVERSITY**

**M.Ch. (GENITO-URINARY SURGERY) DEGREE EXAMINATION – JULY 2008**

**SUBJECT: PAPER II: GENERAL UROLOGY**

Wednesday, July 02, 2008

Time: 3 Hrs.

Max. Marks: 100

**Answer ALL questions.**

1. Discuss in detail intravesical chemotherapy and immunotherapy in superficial T.C.C. of urinary bladder.

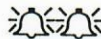
(36 marks)

2. Write short notes on:

- 2A. Growth factors in development of Prostatic Hyperplasia.  
2B. Merits and demerits of Nephron-sparing surgery.  
2C. Treatment of G. U. Koch's.  
2D. Fructose in Semen.  
2E. Buccal mucosa in urology.  
2F. Angiomyo Lipoma.  
2G. Essential Haematuria.  
2H. Dutasteride.

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(8×8 = 64 marks)



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## MANIPAL UNIVERSITY

**M.Ch. (GENITO-URINARY SURGERY) DEGREE EXAMINATION – JULY 2008**

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

Thursday, July 03, 2008

Time: 3 Hrs.

Max. Marks: 100

**Answer ALL questions.**

1. Explain basic concepts of Robotic surgery and discuss its clinical application in Indian scenario.

(36 marks)

2. Write short notes on:

2A. HIV and urologist.

2B. CT Angio in Urology.

2C. Adrenal Incidentaloma.

2D. Sono- urethrogram.

2E. LH / RH Analogues.

2F. Briefly discuss medical management of B. P. H.

2G. Ambulatory Urodynamics.

2H. M. R. Spectroscopy in Prostate.

(8×8 = 64 marks)

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