

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION
(Deemed University)

M.Ch. (GENITO-URINARY SURGERY) DEGREE EXAMINATION – JUNE 2004

SUBJECT: PAPER I: BASIC SCIENCES AS APPLIED TO GENITO-URINARY SURGERY
Tuesday, June 22, 2004

Max. Marks: 100

Time: 3 Hrs.

Answer all the questions

1. Discuss the embryology of Horse-shoe kidney.

(36 marks)

2. Write short notes on:

2A. Low osmolar contrast agents for urography.

2B. Sertoli only syndrome.

2C. Conn's disease.

2D. Prostatic intra epithelial neoplasia.

2E. Low flow priapism.

2F. Abdominal leak-point pressure.

2G. Mullerian Inhibiting Substance (MIS)

2H. Hopkins II Telescope.

(8×8 = 64 marks)



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M.Ch. (GENITO-URINARY SURGERY) DEGREE EXAMINATION – JUNE 2004

SUBJECT: PAPER II: GENERAL UROLOGY

Wednesday, June 23, 2004

Max. Marks: 100

Time: 3 Hrs.

Answer all the questions

1. Discuss the impact of lymph nodes retrieved on outcome in patients with muscle invasive bladder cancer.

(36 marks)

2. Write short notes on:

2A. Spontaneous peri-renal hematoma.

2B. Captopril

2C. Peyronie's disease.

2D. Conn's syndrome

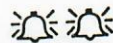
2E. Current thinking in the etiology and management of vesico ureteral reflux.

2F. Selenium.

2G. Female urethral syndrome: New insights into pathogenesis and treatment.

2H. Diagnosis and treatment of ejaculatory dysfunction.

(8×8 = 64 marks)



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M.Ch. (GENITO-URINARY SURGERY) DEGREE EXAMINATION – JUNE 2004

SUBJECT: PAPER III: RECENT ADVANCES AND SPECIALTY IN UROLOGY

Thursday, June 24, 2004

Max. Marks: 100

Time: 3 Hrs.

Answer all the questions

1. Discuss the prognostic markers in carcinoma urinary bladder.

(36 marks)

2. Write short notes on:

2A. Radiometric culture for AFB (Mycobacterium tuberculosis)

2B. Nephro blastomatosis.

2C. Urethral sents.

2D. Anaesthesia for pheochromocytoma.

2E. Hyper filtration renal injury.

2F. Spiral CT angiography.

2G. Physics of stone fragmentation by shock waves.

2H. Barbagli procedure.

(8 × 8 = 64 marks)



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