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MANIPAL UNIVERSITY

MS (GENERAL SURGERY) DEGREE EXAMINATION – APRIL 2011

SUBJECT: PAPER I: BASIC SCIENCES AND PRINCIPLES OF SURGERY

Monday, April 04, 2011

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. Describe the anatomy of femoral sheath and femoral canal. Discuss the various surgical options for femoral hernia including their merits and demerits.

(30 marks)

2. Discuss the pathology and staging of malignant melanoma. Describe in detail the management of malignant melanoma.

(30 marks)

3. Write short notes on:

3A. Mammogram

3B. A.R.D.S.

3C. Epidural anaesthesia

3D. Wound cover

(10×4 = 40 marks)



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MANIPAL UNIVERSITY

MS (GENERAL SURGERY) DEGREE EXAMINATION – APRIL 2011

SUBJECT: PAPER II: SURGICAL SPECIALITIES

Tuesday, April 05, 2011

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

1. Describe the development and developmental anomalies of the face. Discuss the principles in the management of cleft lip and cleft palate.

(30 marks)

2. Describe the classification and staging of testicular tumors. Discuss the management of seminomatous testicular tumors.

(30 marks)

3. **Write notes on:**

3A. Hydrocephalus

3B. Hemothorax

3C. Congenital Tracheoesophageal fistula

3D. Nephron sparing surgery

(10×4 = 40 marks)



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MANIPAL UNIVERSITY

MS (GENERAL SURGERY) DEGREE EXAMINATION – APRIL 2011

SUBJECT: PAPER III: GENERAL SURGERY

Wednesday, April 06, 2011

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. Describe the lymphatic drainage of penis. Discuss the principles of management of carcinoma penis.

(30 marks)

2. Define LABC. Discuss the management of locally advanced breast cancer.

(30 marks)

3. **Write Brief answers:**

3A. Carcinoid tumours

3B. Tetany

3C. Primary biliary calculi

3D. Premalignant lesions of rectum and anal canal

(10×4 = 40 marks)



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MANIPAL UNIVERSITY

MS (GENERAL SURGERY) DEGREE EXAMINATION – APRIL 2011

SUBJECT: PAPER IV: RECENT ADVANCES

Thursday, April 07, 2011

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

1. Discuss the laparoscopic surgical perspectives of ventral hernia repair.

(40 marks)

2. **Write short notes on:**

2A. Immunotherapy in malignant renal tumours

2B. Digital subtraction angiography

2C. Infection and management of retroperitoneal space abscess

2D. Video Assisted Thoracoscopic Surgery

2E. Staplers in surgery

2F. Day care surgery

(10×6 = 60 marks)

