

Reg. No.

HEALTH SCIENCES LIBRARY

MANIPAL UNIVERSITY

MS (GENERAL SURGERY) DEGREE EXAMINATION – APRIL 2009

SUBJECT: PAPER I: BASIC SCIENCES AND PRINCIPLES OF SURGERY

Wednesday, April 01, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✂ Answer ALL questions.

✂ Your answers should be specific to the questions asked.

✂ Draw neat labelled diagrams wherever necessary.

✂ Long Essay.

1. Discuss surgical anatomy of thoracic outlet and pathophysiology of cervical rib compression. Discuss the differential diagnosis of upper limb ischaemia and management of each condition.

(30 marks)

2. Discuss pathophysiology and management of septic shock. Add a note on pulmonary capillary wedge pressure.

(30 marks)

3. Write Short Notes on:

3A. Diagnosis and Management of necrotising fasciitis.

3B. Post operative renal failure.

3C. Management of deep palmar abscess.

3D. Prophylaxis of deep vein thrombosis lower limb.

(10×4 = 40 marks)



MANIPAL UNIVERSITY

MS (GENERAL SURGERY) DEGREE EXAMINATION – APRIL 2009

SUBJECT: PAPER II: SURGICAL SPECIALITIES

Thursday, April 02, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ Long Essay Questions.

1. Describe the management of benign prostatic hyperplasia.

(30 marks)

2. Describe the clinical features of acute lower limb ischaemia. Describe the management of acute ischemia associated with an embolism to the superficial femoral artery in a 65 year old male with hypertension and diabetes mellitus.

(30 marks)

3. Write short notes on:

3A. Post traumatic cardiac tamponade.

3B. Management of $T_2N_1M_0$ carcinoma lateral border of anterior two third of tongue.

3C. Glioblastoma multiforme.

3D. Minimal access cardiac surgery.

(10×4 = 40 marks)



Reg. No.

MANIPAL UNIVERSITY

HEALTH SCIENCES LIBRARY

MS (GENERAL SURGERY) DEGREE EXAMINATION – APRIL 2009

SUBJECT: PAPER III: GENERAL SURGERY

Friday, April 03, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ Long Essay Questions.

1. Describe the mechanism of action of anti thyroid medications. Describe the management of a 56 year old male with a solitary nodule of the thyroid.

(30 marks)

2. Describe the clinical features of carcinoma of stomach. Describe the management of early gastric cancer.

(30 marks)

3. Write short notes on:

- 3A. Management of choledocholithiasis
3B. Laparoscopic hernia repair
3C. Lye stricture
3D. Treatment of carcinoid tumour of the appendix

(10×4 = 40 marks)



Reg. No.									
----------	--	--	--	--	--	--	--	--	--

MANIPAL UNIVERSITY

MS (GENERAL SURGERY) DEGREE EXAMINATION – APRIL 2009

SUBJECT: PAPER IV: RECENT ADVANCES

Saturday, April 04, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. Classify intestinal ischemia. Discuss its etiology and management.

(40 marks)

2. Write short notes on:

2A. Role of aromatase inhibitors in carcinoma breast.

2B. Stapled hemorrhoidopexy.

2C. Endoscopic mucosal resection.

2D. Blood substitutes.

2E. Islet cell transplantation.

2F. Access loop.

(10×6 = 60 marks)

