

MANIPAL UNIVERSITY
MS (GENERAL SURGERY) DEGREE EXAMINATION – APRIL 2014
SUBJECT: PAPER I: BASIC SCIENCES

Tuesday, April 01, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

Health Sciences Library

✍ **Long Essays.**

1. Major blunt abdominal trauma: recent trends in resuscitation, imaging and management. (15 marks)
2. Current trends in the management of varicose veins. (15 marks)

3. Write short notes on:

- 3A. NOTES
- 3B. Chromo endoscopy
- 3C. Surgery for rectal prolapse
- 3D. Energy devices in surgery
- 3E. Endoscopic ultrasound
- 3F. Types of mesh for incisional hernia repair
- 3G. Nonpalpable BIRAD 3 lesion on mammogram: management
- 3H. Ileostomy types and indications
- 3I. Preoperative localization of parathyroid adenoma
- 3J. Checklist in surgery

(7×10 = 70 marks)



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MS (GENERAL SURGERY) DEGREE EXAMINATION – APRIL 2014

SUBJECT: PAPER II: SURGICAL SPECIALITIES

Wednesday, April 02, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

Health Sciences Library

✍ **Long Essays.**

1. Discuss causes of unilateral hydronephrosis. Discuss the merits and demerits of surgical procedures for hydronephrosis.

(15 marks)

2. What is hydro-cephalus? Discuss the aetiology, management and complications of hydro-cephalus.

(15 marks)

3. Write short notes on:

- 3A. Haemothorax.
- 3B. Wilms' tumour.
- 3C. Congenital trachea-esophageal fistula.
- 3D. CABG with beating heart.
- 3E. Urinary fistulae.
- 3F. Congenital diaphragmatic hernia.
- 3G. Adrenal incidentaloma.
- 3H. Lumbar disc prolapse.
- 3I. Oncogenes.
- 3J. Carotid body tumour.

(7×10 = 70 marks)



MANIPAL UNIVERSITY

MS (GENERAL SURGERY) DEGREE EXAMINATION – APRIL 2014
SUBJECT: PAPER III: PRINCIPLES AND PRACTICE OF OPERATIVE SURGERY

Thursday, April 03, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

Health Sciences Library

✍ Long Essays.

1. Discuss the aetiology of lymphoedema. How would you manage a case of filarial lymphoedema of the lower limb? Add a note on lymphoscintigraphy.

(5+7+3 = 15 marks)

2. Discuss the aetiology of dysphagia. How would you manage a case of Achalasia cardia? Add a note on Oesophageal manometry.

(5+7+3 = 15 marks)

3. Write short notes on :

3A. Hernia-en-glissade

3B. Pancreatic ascites

3C. Klatskin tumour

3D. Epulis

3E. Peripheral nerve injuries

3F. Medullary carcinoma of thyroid

3G. Acute acalculous cholecystitis

3H. Indications for splenectomy

3I. Midgut volvulus

3J. Anal intra epithelial neoplasia

(7×10 = 70 marks)



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MS (GENERAL SURGERY) DEGREE EXAMINATION – APRIL 2014

SUBJECT: PAPER IV: RECENT ADVANCES

Friday, April 04, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

Health Sciences Library

✍ Long Essays:

1. Discuss the management of Hepatic trauma. (15 marks)

2. Classify intestinal ischemia. Discuss the aetiology and management. (15 marks)

3. Write short notes on:

3A. Robotic surgery

3B. Access loop

3C. Endoscopic mucosal resection

3D. Retroperitoneal haematoma

3E. High out-put intestinal fistula

3F. Endosonography in surgical patients

3G. D-2 gastrectomy

3H. Tratsuzumab

3I. Radiofrequency ablation

3J. Telemedicine

(7×10 = 70 marks)

