

Reg. No.

## MANIPAL UNIVERSITY

MS (GENERAL SURGERY) DEGREE EXAMINATION – APRIL 2013

SUBJECT: PAPER I: BASIC SCIENCES

Tuesday, April 02, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer all the questions. Draw illustrations wherever necessary.**

1. **Essay Questions:**

- 1A. Discuss the management of a patient who has high out put enterocutaneous fistula following terminal ileal resection for perforated tubercular ulcer.
- 1B. Discuss factors predisposing to critical lower limb ischaemia. Discuss the differential diagnosis and management of lower limb ischaemia in a 65 year old man.

(30×2 = 60 marks)

2. **Write short answers on:**

- 2A. Prevention of surgical site infections
- 2B. Causes and management of hyperkalemia
- 2C. Developmental anomalies of Kidney
- 2D. Hydrotherapy in Burns

(10×4 = 40 marks)



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## MANIPAL UNIVERSITY

MS (GENERAL SURGERY) DEGREE EXAMINATION – APRIL 2013

SUBJECT: PAPER II: PRINCIPLES AND PRACTICE OF SURGERY

Wednesday, April 03, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

**Answer all the questions. Draw illustrations wherever necessary.**

1. **Essay Questions:**

- 1A. Describe the classification, clinical features, investigations and the management of testicular tumours.
- 1B. Define acute limb ischemia. Discuss the differential diagnosis and management of upper limb ischemia.

(30×2 = 60 marks)

2. **Write short answers on:**

- 2A. Choledochal cyst
- 2B. Management of phaeochromocytoma
- 2C. Resuscitation of a 40% burn patient
- 2D. Tracheo-esophageal fistula

(10×4 = 40 marks)



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## MANIPAL UNIVERSITY

MS (GENERAL SURGERY) DEGREE EXAMINATION – APRIL 2013

SUBJECT: PAPER III: PRINCIPLES AND PRACTICE OF OPERATIVE SURGERY

Thursday, April 04, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

**Answer ALL questions. Draw illustrations wherever necessary.**

**1. Essay Questions:**

- 1A. Classify salivary gland tumors. Discuss the management of benign salivary gland tumors. Describe superficial parotidectomy.
- 1B. Classify and enumerate the causes of acute intestinal obstruction. Describe the management of malignant colonic obstruction.

(30×2 = 60 marks)

**2. Write short answers on:**

- 2A. Laproscopic ventral hernia repair
- 2B. Localisation and surgical management of parathyroid adenoma
- 2C. Recent advances in the management of rectal prolapse
- 2D. Hiatus hernia

(10×4 = 40 marks)



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## MANIPAL UNIVERSITY

MS (GENERAL SURGERY) DEGREE EXAMINATION – APRIL 2013

SUBJECT: PAPER IV: RECENT ADVANCES

Friday, April 05, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

 **Answer ALL questions. Draw illustrations wherever necessary.**

1. **Essay Questions:**

- 1A. Prosthetic material in inguinal hernia repair--how do you choose?
- 1B. Difficult defecation – assessment and management.

(30×2 = 60 marks)

2. **Write short answers on:**

- 2A. Recent advances in hormonal treatment of breast cancer
- 2B. Management of early stage cutaneous melanoma
- 2C. Laparoscopic staging for liver biliary, pancreas and gastric cancer
- 2D. Current management of rectal cancer

(10×4 = 40 marks)

