

Reg. No.

## MANIPAL UNIVERSITY

MS (GENERAL SURGERY) DEGREE EXAMINATION – APRIL 2010

SUBJECT: PAPER I: BASIC SCIENCES AND PRINCIPLES OF SURGERY

Monday, April 05, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. Discuss pathophysiology of all types of shock. What are the end points of resuscitation?  
What are new strategies being utilized in trauma patients having shock?  
(30 marks)
2. What is necrotizing fasciitis? Discuss the management in detail.  
(30 marks)
3. Write short notes on:
  - 3A. SIRS.
  - 3B. Negative Pressure Wound Therapy (NPWT).
  - 3C. Pancreatic necrosis.
  - 3D. Terminal pulp infections.

(10×4 = 40 marks)



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MS (GENERAL SURGERY) DEGREE EXAMINATION – APRIL 2010

SUBJECT: PAPER II: SURGICAL SPECIALITIES

Tuesday, April 06, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

1. Describe the causes of intestinal obstruction in the new born. Discuss the aetiology, clinical features and management of Hirschsprung's disease in the new born.

(30 marks)

2. Describe the classification and modes of presentation of testicular tumours. Describe their management.

(30 marks)

3. **Write brief answers:**

3A. Choledochal cyst.

3B. Cerebral abscess.

3C. Free flaps.

3D. Cervical rib.

(10×4 = 40 marks)



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## MANIPAL UNIVERSITY

MS (GENERAL SURGERY) DEGREE EXAMINATION – APRIL 2010

SUBJECT: PAPER III: GENERAL SURGERY

Wednesday, April 07, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

**Answer ALL the questions.**

1. Discuss abdominal compartment syndrome. Describe the clinical features and management of these patients.  
(30 marks)
2. Discuss colonic pseudo obstruction. Describe clinical features including D/D and management.  
(30 marks)
3. **Write short notes on:**
  - 3A. Necrotising pancreatitis.
  - 3B. Diaphragmatic injury.
  - 3C. Pheochromocytoma.
  - 3D. Syphilis upcoming in the back ground of AIDS.

(10×4 = 40 marks)

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**MANIPAL UNIVERSITY**

**MS (GENERAL SURGERY) DEGREE EXAMINATION – APRIL 2010**

**SUBJECT: PAPER IV: RECENT ADVANCES**

Thursday, April 08, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

1. Comparison of whole organ pancreas and isolated islet cell transplantation.

(30 marks)

2. Discuss the Non-operative of liver trauma.

(30 marks)

3. **Write short notes on:**

3A. Chromoendoscopy.

3B. Peri-operative feeding.

3C. Prophylactic bilateral Mastectomy.

3D. Tissue engineering.

(10×4 = 40 marks)

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