

Reg. No.

MANIPAL UNIVERSITY

MS (GENERAL SURGERY) DEGREE EXAMINATION – OCTOBER 2010

SUBJECT: PAPER I: BASIC SCIENCES AND PRINCIPLES OF SURGERY

Monday, October 04, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

Answer ALL the questions.

1. Discuss the physiology of production, circulation and absorption of peritoneal fluid. Discuss the pathophysiology of peritonitis.
(30 marks)

2. Discuss the physiology of coagulation of blood and the aetiology clinical features and management of deep vein thrombosis.
(30 marks)

3. **Write short notes on:**
 - 3A. Arteriovenous fistula
 - 3B. MEN Syndrome
 - 3C. Angiogram for peripheral vascular disease
 - 3D. Pathology of parotid tumors

(10×4 = 40 marks)



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SUBJECT: PAPER III: GENERAL SURGERY

Wednesday, October 06, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

1. Describe the anatomy of Salivary glands. Classify Salivary gland tumours. Describe the management of VII facial nerve injury.

(30 marks)

2. Classify Thyroid neoplasms. How do you manage well differentiated thyroid Carcinoma?

(30 marks)

3. **Write short notes on:**

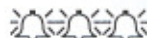
3A. Pheochromocytoma

3B. Sentinel lymph node biopsy in Breast cancer

3C. Hyperparathyroidism

3D. Radical neck dissection

(10×4 = 40 marks)



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SUBJECT: PAPER IV: RECENT ADVANCES

Thursday, October 07, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. Discuss the pathology of "Venous insufficiency" in the lower limbs and its complications. Briefly discuss the recent trends in the management of varicose veins.

(30 marks)

2. Discuss "Mammography" and the management of a "Nonpalpable" mammographically detected abnormality. Describe the strategies to prevent "Breast cancer".

(30 marks)

3. **Write brief answers:**

- 3A. Management of metastatic malignant melanoma
3B. Laparoscopy in staging GI Malignancies
3C. Radiofrequency ablation
3D. Medullary carcinoma of Thyroid

(10×4 = 40 marks)

