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MANIPAL UNIVERSITY

MS (GENERAL SURGERY) DEGREE EXAMINATION – APRIL 2008

SUBJECT: PAPER I: BASIC SCIENCES AND PRINCIPLES OF SURGERY

Tuesday, April 01, 2008

Time: 3 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. Describe the surgical anatomy of thoracic outlet and cervical sympathetic chain. Discuss the management of thoracic outlet syndrome.
2. Describe the physiological principles in pre and intra-operative management of PHAEOCHROMOCYTOMA.
3. Write short notes on:
 - 3A. Casalga.
 - 3B. Pilonidal sinus.
 - 3C. Tension pneumothorax.
 - 3D. Compound palmar ganglion.

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MANIPAL UNIVERSITY

MS (GENERAL SURGERY) DEGREE EXAMINATION – APRIL 2008

SUBJECT: PAPER II: SURGICAL SPECIALITIES

Wednesday, April 02, 2008

Time: 3 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. Describe clinical features and management of posterior urethral valve.

2. Discuss 'Prolapse of intervertebral disc' under following heads:
 - 2A. Pathological features of the disease.
 - 2B. Clinical manifestation of disc between L-4 and L-5 vertebra.
 - 2C. Management of an acute prolapse L-4 and L-5 vertebra.

3. Write short notes on:
 - 3A. Haemangioma.
 - 3B. Septic arthritis of knee.
 - 3C. Hydatid cyst of the lung.
 - 3D. Management of facial nerve injury.

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MANIPAL UNIVERSITY

MS (GENERAL SURGERY) DEGREE EXAMINATION – APRIL 2008

SUBJECT: PAPER III: GENERAL SURGERY

Thursday, April 03, 2008

Time: 3 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. Discuss the pathophysiology of Hiatus Hernia. Clinically evaluate the principles of surgery in different operative procedures adopted.
2. Discuss the clinical assessment and management of Medullary Carcinoma of thyroid.
3. Write short notes on:
 - 3A. Non operative management of Splenic trauma.
 - 3B. Parotid abscess.
 - 3C. Paget's disease of nipple.
 - 3D. Premalignant lesions of colon.

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MANIPAL UNIVERSITY

MS (GENERAL SURGERY) DEGREE EXAMINATION – APRIL 2008

SUBJECT: PAPER IV: RECENT ADVANCES

Friday, April 04, 2008

Time: 3 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. Discuss chemotherapy.

(40 marks)

2. Write short notes on:

2A. Goitrous Auto Immune Thyroiditis.

2B. Omphalocele.

2C. Medical treatment of ulcerative colitis.

2D. Alternatives to blood transfusion.

2E. Xeroradiography.

2F. Laser as an alternative for surgery.

(10×6 = 60 marks)



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MANIPAL UNIVERSITY

MS (GENERAL SURGERY) DEGREE EXAMINATION – OCTOBER 2008

SUBJECT: PAPER I: BASIC SCIENCES AND PRINCIPLES OF SURGERY

Monday, October 06, 2008

Time: 3 Hrs.

Max. Marks: 100

Answer ALL the questions.

1. Describe the formation of ascites in a case of cirrhosis with portal hypertension. How will you manage a case of intractable ascites?

2. Discuss the cause of extracranial part of facial nerve. How do you manage an injury of this nerve?

3. Write short notes on:
 - 3A. Cholescintigraphy.
 - 3B. Gastric lymphoma.
 - 3C. Chronic subdural hematoma.
 - 3D. Superoxide radicles injury.

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MANIPAL UNIVERSITY

MS (GENERAL SURGERY) DEGREE EXAMINATION – OCTOBER 2008

SUBJECT: PAPER II: SURGICAL SPECIALITIES

Tuesday, October 07, 2008

Time: 3 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

1. Describe the clinical manifestations and management of vesical calculus.
2. Describe anatomy of 'CIRCLE OF WILLES'. Discuss the clinical features and management of intracerebral haemorrhage.
3. Write short notes on:
 - 3A. Bone cyst.
 - 3B. Pre auricular sinus.
 - 3C. Tension pneumothorax.
 - 3D. Cystic hydrome.

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MANIPAL UNIVERSITY

MS (GENERAL SURGERY) DEGREE EXAMINATION – OCTOBER 2008

SUBJECT: PAPER III: GENERAL SURGERY

Thursday, October 09, 2008

Time: 3 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. Describe the surgical anatomy of Parotid gland and discuss clinical features and management of mucoepidermoid tumor of the Parotid.

2. Discuss Carcinoma Breast in the following heads-
 - 2A. Rationale of adjuvant therapy in premenopausal positive nodes.
 - 2B. Role of lumpectomy and radiotherapy.
 - 2C. Rationale of adjuvant therapy in post menopausal positive nodes.

3. Write short notes on:
 - 3A. Insulinoma.
 - 3B. Para-pharyngeal Tumor.
 - 3C. Desmoid tumor.
 - 3D. Salivary fistula.

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MANIPAL UNIVERSITY

MS (GENERAL SURGERY) DEGREE EXAMINATION – OCTOBER 2008

SUBJECT: PAPER IV: RECENT ADVANCES

Friday, October 10, 2008

Time: 3 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. Discuss present changes in the management of "Urinary stones".

(40 marks)

2. Write short notes on:

2A. Antibiotic prophylaxis before surgery.

2B. Pancreatic transplantation.

2C. M.R.I. (N.M.R.).

2D. Uses of Doppler.

2E. Monoclonal antibodies.

2F. Lanzoprazole.

(10×6 = 60 marks)