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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (GENERAL SURGERY) DEGREE EXAMINATION – JULY 2005

SUBJECT: PAPER I: BASIC SCIENCES & PRINCIPLES OF SURGERY

Monday, July 04, 2005

Time: 3 Hrs.

Max. Marks: 100

✍ Answer all the questions. All questions carry equal marks.

1. Discuss the etiopathology of Disseminated Intravascular coagulation (DIC) and its management.

2. Describe surgical anatomy of Mediastinum and management of Thymic Tumours.

3. Write short notes on:
 - 3A. Cystic hygroma.
 - 3B. Meleney's postoperative synergistic gangrene.
 - 3C. Decubitus ulcer.
 - 3D. Tension pneumothorax.

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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (GENERAL SURGERY) DEGREE EXAMINATION – JULY 2005

SUBJECT: PAPER II: SURGICAL SPECIALITIES

Tuesday, July 05, 2005

Time: 3 Hrs.

Max. Marks: 100

✍ **Answer all the questions. All questions carry equal marks.**

1. Discuss Non-seminomatous germ-cell tumours of testis under following heads.
 - 1A. Histological types and tumour markers.
 - 1B. Management of stage B disease.

2. Describe pathology, clinical features and management of Wilms' Tumour (Nephroblastoma).

3. Write short notes on:
 - 3A. Intussusception.
 - 3B. Haemothorax.
 - 3C. Aseptic necrosis of bone.
 - 3D. Ulnar paradox.

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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (GENERAL SURGERY) DEGREE EXAMINATION – JULY 2005

SUBJECT: PAPER III: GENERAL SURGERY

Wednesday, July 06, 2005

Time: 3 Hrs.

Max. Marks: 100

Answer all the questions. All questions carry equal marks.

1. Enumerate causes of Haemobilia. How will you investigate and manage a case of haemobilia due to trauma.

2. Discuss Intestinal Diverticulae.

3. Write short notes on:
 - 3A. Management of Carcinoma lip.
 - 3B. Xanthogranulomatous cholecystitis.
 - 3C. Paralytic Ileus.
 - 3D. Spontaneous bacterial peritonitis.

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (GENERAL SURGERY) DEGREE EXAMINATION – JULY 2005**SUBJECT: PAPER IV: RECENT ADVANCES**

Thursday, July 07, 2005

Time: 3 Hrs.

Max. Marks: 100

✍ **Answer all the questions. All questions carry equal marks.**

1. Describe physiological effects of acute midgut ischaemia. How will you manage a case of acute intestinal ischaemia.
2. Describe pathophysiology of BARRETT's esophagus, its complications and management.
3. Write short answers for:
 - 3A. Stress incontinence.
 - 3B. Photodynamic technology of anticancer treatment.
 - 3C. Oesophageal manometry.
 - 3D. Toxic shock syndrome in burns patient.



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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (GENERAL SURGERY) DEGREE EXAMINATION – DECEMBER 2005

SUBJECT: PAPER I: BASIC SCIENCES & PRINCIPLES OF SURGERY

Monday, December 05, 2005

Time: 3 Hrs.

Max. Marks: 100

✍ Answer all the questions. All questions carry equal marks.

1. Discuss in detail the metabolic and endocrine response to trauma.

2. Discuss in detail surgically correctible hypertension.

3. Write short notes on:
 - 3A. Myocardial depressant factor.
 - 3B. Plasmids.
 - 3C. Universal Prophylaxis.
 - 3D. Total Parenteral Nutrition (TPN).

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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (GENERAL SURGERY) DEGREE EXAMINATION – DECEMBER 2005

SUBJECT: PAPER II: SURGICAL SPECIALITIES

Tuesday, December 06, 2005

Time: 3 Hrs.

Max. Marks: 100

✍ Answer all the questions. All questions carry equal marks.

1. Discuss pathology, clinical features and management of ano-rectal malformations.

(30 marks)

2. Discuss various complications of Burn injury and their management.

(30 marks)

3. Write short notes on:

(10×4 = 40 marks)

3A. Osteoclastoma.

3B. Pharyngeal pouch.

3C. Ectopia vesicae.

3D. Spina Bifida.

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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (GENERAL SURGERY) DEGREE EXAMINATION – DECEMBER 2005

SUBJECT: PAPER III: GENERAL SURGERY

Wednesday, December 07, 2005

Time: 3 Hrs.

Max. Marks: 100

✍ **Answer all the questions. All questions carry equal marks.**

1. Discuss the causes of surgical jaundice. How do you manage a large stone in the common bile duct?

2. What are the causes of pancreatitis? How do you manage calculous pancreatitis?

3. Write short notes on:
 - 3A. Pseudomyxoma peritonia.
 - 3B. Maydt's Hernia.
 - 3C. Varicocoele.
 - 3D. Overwhelming post sphenectomy infection (OPSI).

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MANIPAL ACADEMY OF HIGHER EDUCATION

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MS (GENERAL SURGERY) DEGREE EXAMINATION – DECEMBER 2005

SUBJECT: PAPER IV: RECENT ADVANCES

Thursday, December 08, 2005

Time: 3 Hrs.

Max. Marks: 100

✍ **Answer all the questions. All questions carry equal marks.**

1. Discuss palliative treatment of an advanced case of breast malignancy.

2. Discuss the investigations to determine arterial patency in a critically ischaemic limb and briefly, the management of such a case.

3. Write short answers for:
 - 3A. Ultrasound lithotripsy.
 - 3B. Digital subtraction angiography.
 - 3C. Indications of arthroscopy and the procedure.
 - 3D. Management of Transient ischaemic strokes (TIS).

