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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (GENERAL SURGERY) DEGREE EXAMINATION – JULY 2006

SUBJECT: PAPER I: BASIC SCIENCES & PRINCIPLES OF SURGERY

Monday, July 03, 2006

Time: 3 Hrs.

Max. Marks: 100

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

1. Discuss suture materials and principles of suturing.

(30 marks)

2. Write short notes on:

2A. Radiation on fibrosis.

2B. O.T. sterilization.

2C. Nerve supply to anal sphincter.

2D. External carotid ligation.

2E. Trigeminal Neuralgia.

2F. Wound healing.

2G. Hypokalaemia.

(10×7 = 70 marks)

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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (GENERAL SURGERY) DEGREE EXAMINATION – JULY 2006

SUBJECT: PAPER II: SURGICAL SPECIALITIES

Tuesday, July 04, 2006

Time: 3 Hrs.

Max. Marks: 100

✍ Answer all the questions.

1. Classify “Umbilical Diseases”. Discuss various umbilical diseases with management.
(30 marks)

2. Discuss “Endocrine Tumors” of the pancreas.
(30 marks)

3. Write short notes on:
 - 3A. Kehr’s tube.
 - 3B. Compound volvulus.
 - 3C. Carcinoid tumour.
 - 3D. Anal Incontinence.

(10×4 = 40 marks)

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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (GENERAL SURGERY) DEGREE EXAMINATION – JULY 2006

SUBJECT: PAPER III: GENERAL SURGERY

Wednesday, July 05, 2006

Time: 3 Hrs.

Max. Marks: 100

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

1. Describe etiopathology, clinical features and management of carcinoma of testis.
2. Strategy for investigation and treatment of upper GI bleeding.
3. Write essays on:
 - 3A. Lasers in surgery.
 - 3B. Preparation of a patient for colonic surgery and simple and radicle right hemicolectomy.

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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (GENERAL SURGERY) DEGREE EXAMINATION – JULY 2006

SUBJECT: PAPER IV: RECENT ADVANCES

Thursday, July 06, 2006

Time: 3 Hrs.

Max. Marks: 100

Answer all the questions.

1. Discuss “Liver Transplantation”.

(40 marks)

2. Short Notes:

2A. D.S.A. (Digital subtraction angiography).

2B. C.T. scan and surgeon.

2C. Staplers in surgery.

2D. Biological skin substitutes.

2E. Absorbable suture materials.

2F. Appendicitis during pregnancy.

(10×6 = 60 marks)

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (GENERAL SURGERY) DEGREE EXAMINATION – DECEMBER 2006**SUBJECT: PAPER I: BASIC SCIENCES & PRINCIPLES OF SURGERY**

Monday, December 04, 2006

Time: 3 Hrs.

Max. Marks: 100

✍ Answer all the questions.

1. What is massive blood transfusion? Discuss various hazards of massive blood transfusion. Discuss various blood products available for transfusion.
2. Discuss anatomy and embryology of Anorectum. Discuss classification, clinical features and management of "Ano rectal Malformations".
3. Write short notes on:
 - 3A. Gastrostomy.
 - 3B. Theodor kocher.
 - 3C. Anion gap.
 - 3D. Flexor Retinaculum.

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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (GENERAL SURGERY) DEGREE EXAMINATION – DECEMBER 2006

SUBJECT: PAPER II: SURGICAL SPECIALITIES

Tuesday, December 05, 2006

Time: 3 Hrs.

Max. Marks: 100

✍ **Answer all the questions.**

1. Discuss the clinical features, management of Tuberculosis of urinary bladder.
2. Describe formation of cerebrospinal fluid. Briefly discuss the investigations and management of Hydrocephalus.
3. Write short answers for:
 - 3A. Fracture shaft of femur in a child.
 - 3B. Empyema thoracis.
 - 3C. Torticollis
 - 3D. Carbuncle of the kidney.

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (GENERAL SURGERY) DEGREE EXAMINATION – DECEMBER 2006**SUBJECT: PAPER III: GENERAL SURGERY**

Wednesday, December 06, 2006

Time: 3 Hrs.

Max. Marks: 100

✍ Answer all the questions.

1. Discuss primary small bowel lymphoma.

2. Discuss pathophysiology and management of thoracic outlet obstruction.

3. Write short answers for:
 - 3A. Primary biliary stone.
 - 3B. Thyroid crisis.
 - 3C. Pancreatic pleural effusion.
 - 3D. Salivary fistula.

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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (GENERAL SURGERY) DEGREE EXAMINATION – DECEMBER 2006

SUBJECT: PAPER IV: RECENT ADVANCES

Thursday, December 07, 2006

Time: 3 Hrs.

Max. Marks: 100

✍ **Answer all the questions.**

1. Describe the clinical features and management of corrosive stricture of oesophagus.

2. Discuss the assessment of distal urinary tract obstructions. Briefly mention the urodynamic studies done in such a case.

3. Write short notes on:
 - 3A. Percutaneous nephrolithotomy.
 - 3B. Descending perineum syndrome.
 - 3C. Pancreatic ascites and management.
 - 3D. Complications of sclerotherapy of oesophageal varices.

