

MANIPAL UNIVERSITY**MS (GENERAL SURGERY) DEGREE EXAMINATION – OCTOBER 2017****SUBJECT: PAPER I: BASIC SCIENCES**

Tuesday, October 03, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Essay Questions:**

1. Define massive blood transfusion and discuss its complications. Discuss the various blood products available.

(15 marks)

2. A 40 years old male weighing 60 kgs is admitted with 30% 2nd & 3rd degree burns. Discuss management.

(15 marks)

3. **Shorts notes:**

3A. Compartment syndrome

3B. Pilonidal sinus

3C. Decubitus ulcer

3D. Fat embolism

3E. Enteroscopy

3F. Dupuytren's contracture

3G. Refunding syndrome

3H. Anatomy of cervical lymph nodes

3I. Emergency thoracotomy

3J. Anticoagulant therapy

(7 marks × 10 = 70 marks)



MANIPAL UNIVERSITY
MS (GENERAL SURGERY) DEGREE EXAMINATION – OCTOBER 2017
SUBJECT: PAPER II: SURGICAL SPECIALITIES

Wednesday, October 04, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Essay Questions:**

1. Describe in detail the clinical features and management of Benign Prostatic hyperplasia.
(15 marks)
2. Discuss about the various types of intracranial bleeding.
(15 marks)

3. **Short notes:**

- 3A. Tuberculosis of kidney
- 3B. Infantile hypertrophic pyloric stenosis
- 3C. CABG
- 3D. Thoracotomy
- 3E. Intussusception in paediatric age group
- 3F. Reconstruction after head and neck surgeries
- 3G. Rupture membranous urethral
- 3H. Hydronephrosis
- 3I. Management of TCC Bladder
- 3J. Anorectal Malformations

(7 marks × 10 = 70 marks)



MANIPAL UNIVERSITY
MS (GENERAL SURGERY) DEGREE EXAMINATION – OCTOBER 2017
SUBJECT: PAPER III: PRINCIPLES AND PRACTICE OF SURGERY

Thursday, October 05, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Essay Questions:**

1. Discuss the etiology, pathogenesis and clinical features of acute pancreatitis. Discuss the management of necrotizing pancreatitis.
(15 marks)

2. Discuss in detail the classification, clinical features & management of cystic neoplasms of pancreas.
(15 marks)

3. **Write short notes on:**
 - 3A. Gastroesophageal reflux disease
 - 3B. Complications of gastric surgeries
 - 3C. Medical & surgical management of ulcerative colitis
 - 3D. Peutz Jegher's syndrome
 - 3E. Segmental anatomy of liver
 - 3F. Choledocal cyst
 - 3G. Pathophysiology of peritonitis
 - 3H. Post splenectomy sepsis - prevention, management & further follow up treatment
 - 3I. H. Pylori
 - 3J. Cancrum oris

(7 marks × 10 = 70 marks)



MANIPAL UNIVERSITY

MS (GENERAL SURGERY) DEGREE EXAMINATION – OCTOBER 2017

SUBJECT: PAPER IV: RECENT ADVANCES

Friday, October 06, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Essay Questions:**

1. Present trends in managing intestinal fistulas. (15 marks)
2. Discuss non - variceal upper gastro intestinal haemorrhage. (15 marks)

3. **Short notes:**

- 3A. Present trends in parathyroid surgery
- 3B. Liver transplantation
- 3C. Colonic pseudoobstruction
- 3D. Total mesorectal excision in rectal cancers
- 3E. Endovascular abdominal aortic aneurysm repair
- 3F. Staplers in surgery
- 3G. Breast reconstruction after mastectomy
- 3H. Minimally invasive methods for varicose veins
- 3I. Lasers in surgery
- 3J. Day care surgery

(7 marks × 10 = 70 marks)

