

**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**FINAL MBBS PART – II DEGREE EXAMINATION – JULY 2019**  
**SUBJECT: SURGERY: PAPER – I (ESSAY)**

Friday, July 05, 2019

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

- ✍ Answer Section “A” and Section “B” in TWO separate answer books.  
 ✍ Answer ALL questions. Add appropriate illustrations.

**SECTION “A” (GENERAL SURGERY) : 40 MARKS**

✍ **Essay question:**

1. Discuss the aetiology, clinical features and management of a 32-year-old female with tetanus.  
 Add a note on tetanus prophylaxis.

(8 marks)

2. **Short answers:**

- 2A. Mismatched blood transfusion: clinical features and treatment  
 2B. Keloid and hypertrophic scar  
 2C. Treatment of lower limb lymphoedema  
 2D. Total parenteral nutrition: indications and complications  
 2E. Venous ulcer: investigations and treatment  
 2F. Mastalgia: clinical features and management  
 2G. Cylindroma  
 2H. Hashimoto’s thyroiditis

(4 marks × 8 = 32 marks)

**SECTION “B” (ORTHOPAEDICS) : 40 MARKS**

1. Neck of Femur Fracture, Classification, Clinical features, Investigations, Treatment?

(8 marks)

2. **Write short note on:**

- 2A. Tension Band Wiring  
 2B. Stages of Fracture healing, and factors affecting fracture healing?  
 2C. Bohler-Braun splint?  
 2D. Volkmann ischaemic contracture?  
 2E. Foot Drop?  
 2F. Galeazzi fracture?  
 2G. Osteosarcoma, clinical features and investigation?  
 2H. Salter Harris classification of Physeal fractures?

(4 marks × 8 = 32 marks)



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Saturday, July 06, 2019

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

**✍ Essay questions:**

1. Differential diagnosis of mass in the right iliac fossa. Describe the etiopathogenesis, clinical features and management of ileocaecal tuberculosis.

(4+2+2+2 = 10 marks)

2. Enumerate eitiological factors for renal calculi, mention types, clinical features and management of renal calculi.

(2+2+2+4 = 10 marks)

**3. Short Answers:**

3A. Duodenal ulcer: Causes and treatment

3B. Carcinoma stomach: investigations and treatment

3C. Ulcerative colitis: Clinical features and treatment

3D. Rectal prolapse: Clinical features and treatment

3E. Enumerate Liver Function tests and significance of Alkaline phosphatase

3F. Enumerate causes of obstructive jaundice

3G. Pseudocyst of pancreas: Etiology + clinical features and management.

3H. Causes of Splenomegaly

3I. Psoas abscess: Clinical features and treatment

3J. Pneumothorax: Causes and management

3K. Glasgow coma scale

3L. Enumerate complications of Inguinal Hernia

3M. Enumerate causes of Haematuria

3N. Congenital Hypertrophic pyloric stenosis: Clinical features and management

3O. Varicocele: causes, clinical features and treatment

(4 marks × 15 = 60 marks)

