MANIPAL UNIVERSITY

FINAL MBBS PART – II DEGREE EXAMINATION – JANUARY 2015

SUBJECT: SURGERY: PAPER – I (ESSAY)

Monday, January 12, 2015

Time: 10:15 – 13:00 Hrs.   Maximum Marks: 48

✍ **Answer Section "A" and Section "B" in TWO separate answer books.**

✍ **Answer ALL questions. Draw diagrams wherever necessary.**

SECTION "A" (GENERAL SURGERY) : 24 MARKS

✍ **Essay questions:**

1. Discuss pathogenesis, clinical features and management of Haemorrhagic shock.

(2+1+3 = 6 marks)

2. A 40 yrs. old male smoker has pain in calf on walking. Discuss the possible diagnosis. What clinical features will you look for? Describe the management.

(1+2+3 = 6 marks)

3. **Write Short Answers:**
3A. Phylloides tumour
3B. Marjolin's ulcer
3C. Tuberculous peritonitis-clinical variants and management

(4 marks × 3 = 12 marks)

SECTION "B" (ORTHOPAEDICS) : 24 MARKS

4A. Define open fractures.
4B. How do you manage a case of open fracture of the tibia?

(1+2 = 3 marks)

5A. What are the late complications of supracondylar fracture of the humerus?
5B. Discuss the management of one of these complications.

(1+2 = 3 marks)

6A. Describe the deformities seen in a case of posterior dislocation of the hip.
6B. Describe the radiological features and enumerate four complications of posterior dislocation of the hip.

(1+2 = 3 marks)

7A. How do you differentiate a radial nerve palsy from posterior interosseous nerve palsy?
7B. Discuss the management of a case with radial nerve palsy.

(1+2 = 3 marks)

8A. Describe the clinical features of congenital talipes equinovarus (CTEV).

8B. How would you manage a case of CTEV in a 3 month old child?

(1+2 = 3 marks)

9A. What is genu varum deformity?

9B. Enumerate four causes and two surgical procedures done to correct genu varum.

(1+2 = 3 marks)

10A. Enumerate the tumors which arise from a bone forming cell (osteoblast).

10B. Enumerate the primary sites which commonly produce secondaries in the bone. Which of them is known to produce a sclerotic secondary?

(1+2 = 3 marks)

11A. What are the clinical features of chronic osteomyelitis?

11B. What are the complications of chronic osteomyelitis?

(1+2 = 3 marks)

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✍ **Answer ALL the questions:**

1. **Long essay questions:**

1A. Discuss peritoneal tuberculosis and its investigations.

1B. Discuss the blood supply of colon and its clinical significance.

1C. Clinical features, classification and management of Cervical rib.

1D. Discuss the evaluation and management of a one month old infant presented with recurrent non bilious projectile vomiting.

(6 marks × 4 = 24 marks)

2. **Short essay questions:**

2A. Tension pneumothorax

2B. Mesenteric cyst

2C. Fournier's gangrene

2D. Hyperacute rejection

2E. Wilms' tumour

2F. Pilonidal sinus

(4 marks × 6 = 24 marks)