

MANIPAL UNIVERSITY

FINAL MBBS PART – II DEGREE EXAMINATION – JULY 2013

SUBJECT: SURGERY: PAPER – I (ESSAY)

Friday, July 12, 2013

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

1. Explain the causes, pathophysiology, clinical feature and management of tetanus.
(2+2+2 = 6 marks)

2. 65 years old male with previous history of ischemic heart disease, suddenly comes with severe pain over right leg and gangrene of the toes. Explain the causes, clinical feature and management of the patient.
(2+2+2 = 6 marks)

3. Write short answers:
 - 3A. Pelvic Abscess
 - 3B. In-situ carcinoma of breast
 - 3C. Strangulated hernia

(4×3 = 12 marks)

SECTION “B” (ORTHOPAEDICS) : 24 MARKS

- 4A. What is Volkmann’s ischemic contracture?
- 4B. How can this condition be prevented?
(1+2 = 3 marks)

- 5A. Enumerate the causes of non-union in fracture neck of femur.
- 5B. How will you manage a case of Garden’s stage II fracture neck of femur in a young adult?
(1+2 = 3 marks)

- 6A. Describe dinner fork deformity.
- 6B. In which fracture this deformity is seen? Enumerate four complications of this fracture.
(1+2 = 3 marks)

- 7A. Enumerate the causes of median nerve injury.
- 7B. What are the clinical features of median nerve injury?

(1+2 = 3 marks)

8A. What do you mean by a cold abscess? Describe the condition in which cold abscess is commonly seen.

8B. Enumerate four sites of presentation of cold abscess.

(1+2 = 3 marks)

9. Briefly describe what you mean by the following:

i) Baker's cyst

ii) Plaster of Paris

iii) Mallet finger

(3 marks)

10A. Which are the common deformities seen around the knee in rickets?

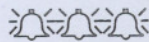
10B. What are the biochemical and radiological changes seen in rickets?

(1+2 = 3 marks)

11A. Describe the screening tests for developmental dysplasia of the hip (DDH) in a new born.

11B. What is Galeazzi's sign and discuss its significance?

(1+2 = 3 marks)



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SECTION – A**1. Essay Questions:**

- 1A. Discuss the clinical features, investigation and treatment of colonic obstruction.
(2+2+2 = 6 marks)
- 1B. A 65 year old patient presents with progressive jaundice, weight loss and loss of appetite. His reports are negative for viral markers. Discuss the differential diagnosis, investigation and treatment of the patient.
(2+2+2 = 6 marks)

2. Short note questions:

- 2A. OPSI (Overwhelming Post Splenectomy Infection)
- 2B. Fistula in ano
- 2C. H. Pylori
(4×3 = 12 marks)

SECTION – B**3. Essay Questions:**

- 3A. Classify thyroid malignancies. How do you investigate and treat solitary nodule in the thyroid?
(2+2+2 = 6 marks)
- 3B. A 30 year old lady presents with progressive dysphagia of six months duration which is more for liquids than solids. How do you investigate and treat this patient?
(3+3 = 6 marks)

4. Short note questions:

- 4A. Extra dural hematoma
- 4B. Circumcision
- 4C. UTI
(4×3 = 12 marks)

