

THIRD PROFESSIONAL M.B.B.S. DEGREE EXAMINATION, FEBRUARY 2008**Part II****General Surgery—Paper I****ORTHOPAEDICS****(New Scheme)**

Time : One Hour and a Half

Maximum : 30 Marks

*Answer Sections A and B in separate answer-books.**Draw diagrams wherever necessary.**MCQs should be answered first in the response sheet provided.***Section B (Orthopaedics)**

1. Multiple Choice Questions. (10 × ½ = 5 marks)

Single response type-10 (separate sheet attached).

2. Match the following. (4 × ½ = 2 marks)

Single response type-4 (separate sheet attached).

3. Draw and label :

Radiological appearance in a giant cell tumour.

(1 mark)

4. Short answer questions :

- (a) What are the complications of Osteochondioma ?
- (b) What are the clinical features of collis fracture ?
- (c) What are the radiological features of chronic osteomyelitis ?

(3 × 1 = 3 marks)

5. Write short notes on :

- (a) Open fractures.
- (b) Congenital Torticollis.

(2 × 2 = 4 marks)

6. Read the paragraph and answer the following question :

A 7 year old presented 10 orthopaedic outpatient with H/O limping and pain in the left Hip.

- (a) What is the differential diagnosis ?
- (b) Discuss the pathology of Perthe's disease.
- (c) What are the radiological features ?

- (d) How will you treat the patient ?
- (e) What are the complications ?

(1 + 1 + 1 + 1 + 1 = 5 marks)

7. Short answer questions :

- (a) What are the types of supracondylar fracture of humerus in children.
- (b) What is the pathogenesis of Acute osteomyelitis ?
- (c) How will you manage transcervical type of neck of femur in a 60 year old lady ?
- (d) What are the complications of collar fracture ?

(4 × 1 = 4 marks)

8. Write short notes on :

- (a) Ulnar claw hand.
- (b) Cubitus varus.
- (c) Clinical features of Ricket.

(3 × 2 = 6 marks)

GENERAL SUGERY—Paper I

I. MULTIPLE CHOICE QUESTIONS

ORTHOPAEDICS

Time : 10 Minutes

Maximum : 5 Marks

Note.—(1) *Do not write anything on the question paper.*

(2) *Write your register number on the answer-sheet provided.*

(3) *Select the **appropriate answer** and encircle the alphabet against each question in the answer-sheet provided.*

(4) *In the answer-sheet enter the total number of your answers in the appropriate box provided.*

(5) *Each question carries $\frac{1}{2}$ mark.*

1. 'Sun Rise' appearance in X-ray is seen in :

- | | |
|-----------------------|----------------------|
| (A) Ewing's Sarcoma. | (B) Chondro Sareoma. |
| (C) Giant all Tumour. | (D) Osteosarcoma. |

2. Monteggia fracture is :

- | | |
|--------------------------|--------------------------|
| (A) Lower end of radius. | (B) Upper end of radius. |
| (C) Lower end of ulna. | (D) Upper end of ulna. |

3. Thomas test for hip is done for :

- | | |
|-----------------------------|--|
| (A) Measuring Limb lengths. | (B) Assessing fixed flexion deformity. |
| (C) Pleasuring thigh girth. | (D) Assessing abduction. |

4. Treatment of choice for closed diaphysical fracture of femur :

- | | |
|---------------------------|---------------------------|
| (A) Compression of femur. | (B) Plaster spica. |
| (C) Ilizarov fixator. | (D) Interlocking nailing. |

5. Treatment for club foot should be started :

- | | |
|---------------------------|----------------|
| (A) As early as possible. | (B) One month. |
| (C) Six months. | (D) One year. |

6. 'Phalen test' is positive in :

- | | |
|---------------------------|-----------------------------|
| (A) Claw hand. | (B) Corpal Tunnel syndrome. |
| (C) Saturday night palsy. | (D) Ollier's Disease. |

7. 'Autonomous zone' for ulnar nerve :

- | | |
|---------------------------|----------------------------|
| (A) Pulp of index finger. | (B) Pulp of Ring finger. |
| (C) Pulp of thumb. | (D) Pulp of little finger. |

8. Lisfranc's joint is :

(A) Ankle joint.

(C) Mid tarsal joint.

(B) Tarsometatarsal joint.

(D) Subtalar joint.

9. Fat embolism is a complication of :

(A) Fracture neck of femur.

(C) Fracture scaphoid.

(B) Fracture shaft femur.

(D) Fracture Talus.

10. Pott's disease is :

(A) Fracture of spine.

(C) Osteoporosis.

(B) Tuberculosis of spine.

(D) Vertebral metastasis.

(10 × ½ = 5 marks)

GENERAL SUGERY—Paper I

II. Match the following :—

1 Club Foot

2 Drawer's test

3 Kanavels sign

4 Ortolani test

(a) Developmental Dysplasia Hip.

(b) Hand infection.

(c) Cicuiate ligament injury.

(d) Congenital Talepes equinovarus.