

FEBRUARY 2008

[KS 999]

Sub. Code : 6119

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.**

Second Year

(Revised Non-Semester Regulations)

**Paper IV — CLINICAL ORTHOPAEDICS, RADIO
DIAGNOSIS**

Q.P. Code : 786119

Time : One and half hours Maximum : 50 marks

**Theory : One hour and Theory : 40 marks
Twenty minutes**

M.C.Q. : Ten minutes M.C.Q. : 10 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay :

- 1. Describe the anatomy of the spine and spinal cord and list the types of spinal fractures and dislocations above with the management of acute spinal cord injury. (15)**
- 2. Describe the Anatomy, Mechanism of injury and management of anterior dislocation of shoulder. (10)**

II. Short notes : (3 × 5 = 15)

- 1. Radiologic parameters in colle's fracture.**
- 2. Radial Nerve Palsy.**
- 3. Giant Cell Tumour of bone.**

AUGUST 2008

[KT 999]

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Second Year

(Revised Non-Semester Regulations)

**Paper IV — CLINICAL ORTHOPAEDICS, RADIO
DIAGNOSIS**

Q.P. Code : 786119

Time : One and a half hours Maximum : 50 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay :

1. Write in detail about the fracture neck of femur and its management. (15)

2. Define Arthritis. Briefly describe about the etiology, clinical features and management of Osteo arthritis of knee joint. (10)

II. Short notes : (3 × 5 = 15)

1. X ray findings of chronic osteomyelitis.

2. Arthrodesis of Hip joint.

3. Radiologic diagnosis of Osteogenic Sarcoma.

III. Write short answers : (5 × 2 = 10)

1. Lumbar Spondylosis.

2. Tardy Ulnar nerve palsy.

3. X ray diagnosis of Anterior shoulder dislocation.

4. Excision Arthroplasty.

5. Radio diagnosis of green stick fracture.

FEBRUARY – 2009

[KU 999]

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**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION**

Second Year Revised Non – Semester Regulations

Paper IV – CLINICAL ORTHOPAEDICS, RADIO DIAGNOSIS

Q.P. Code : 786119

Time : One and a half hours

Maximum : 50 marks

ANSWER ALL QUESTIONS

I. Essay:

1. Write in detail about clinical features, mechanism of injury, classification, Diagnosis, Treatment and complication of supracondylar fracture Humerus in a 8 year old child. **(15)**
2. Describe about the clinical features, etiology classification and management of osteomyelitis. **(10)**

II. Short Notes: (3X5=15)

1. Radiological diagnosis of Ewings tumor.
2. Compartment syndrome.
3. MRI in orthopaedics.

III. Short Answers: (5X2=10)

1. Posterior dislocation of HIP joint.
2. Claw Hand.
3. Monteggia fracture.
4. Radio diagnosis of pott's spine.
5. X-Ray diagnosis of recurrent dislocation shoulder.

August - 2009

[KV 999]

Sub. Code : 6119

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION
Second Year Revised Non – Semester Regulations
Paper IV – CLINICAL ORTHOPAEDICS, RADIO DIAGNOSIS
Q.P. Code : 786119**

Time : One and a half hours

Maximum : 50 marks

ANSWER ALL QUESTIONS

I. Essays:

1. Outline the mechanism, clinical features, management and complications of recurrent dislocation of shoulder. **(15)**
2. Classify bone tumours. Discuss the clinical features, diagnosis and management of giant cell tumour of proximal tibia. **(10)**

II. Short Notes: (3X5=15)

1. Carpel tunnel syndrome.
2. Meningo mylocele.
3. Scoliosis, radiological features.

III. Short Answers: (5X2=10)

1. Callus.
2. Bone grafting.
3. Autonomic dysreflexia.
4. Osteophyte.
5. X-ray findings in Osteogenic sarcoma.

August 2010

[KX 999]

Sub. Code : 6119

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION**

Second Year Revised Non – Semester Regulations

Paper IV – CLINICAL ORTHOPAEDICS, RADIO DIAGNOSIS

Q.P. Code : 786119

Time : One and a half hours

Maximum : 50 marks

ANSWER ALL QUESTIONS

I. Essays:

1. Describe the Pathology of recurrent dislocation of the Shoulder joint and the Radiological investigations and management. (15)
2. Describe the Clinical features, Management and probable Complications of C₅ Spinal injury. (10)

II. Short Notes: (3X5=15)

1. What are the Radiological features of Chronic Osteomyelitis.
2. Types of Patellar Fractures and mechanism of injury.
3. Radio diagnosis of Bennett's fracture dislocation.

III. Short Answers: (5X2=10)

1. Hand deformities in Rheumatoid Arthritis.
2. Bamboo Spine.
3. Radio diagnosis of Spondylolisthesis.
4. Frozen Shoulder.
5. Sudeck's Dystrophy.

February 2012

[LA 6158]

Sub. Code: 6158

**BACHELOR OF OCCUPATIONAL THERAPY EXAMINATION
SECOND YEAR**

Paper IV– CLINICAL ORTHOPAEDICS AND RADIO DIAGNOSIS

Q.P. Code: 786158

Time: Three hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Outline the etiopathology, clinical features, complications of rheumatoid arthritis. How do you manage rheumatoid hand?
2. Outline the clinical features, complications and management of Brachial plexus injuries. Add a note on reconstructive surgery.

II. Write notes on:

(8 x 5 = 40)

1. Radial club hand
2. Osteo sarcoma
3. Colle's fracture
4. Fracture neck of femur
5. Pes planus
6. Radiological features of spinal tuberculosis
7. Reccurent dislocation of shoulder
8. MRI findings in intervertebral disc prolapse

III. Short Answers:

(10 x 2 = 20)

1. Difference between dislocation and sublexation
2. X-Ray findings in rheumatoid arthritis knee
3. Cobb's angle
4. Galeazzi fracture dislocation
5. Common causes of Genu recurvatum
6. Bennett's fracture dislocation
7. Complications of amputation
8. X-Ray findings in Giant Cell Tumour
9. Phalen's test
10. Mallet finger

[LB 6158]

AUGUST 2012

Sub. Code: 6158

SECOND YEAR BOT EXAM

Paper – IV CLINICAL ORTHOPAEDICS
AND RADIO DIAGNOSIS

Q.P. Code: 786158

Time: Three Hours

Maximum: 100 marks

(180 Min) Answer ALL questions in the same order.

I. Elaborate on:

**Pages Time Marks
(Max.)(Max.)(Max.)**

- | | | | |
|--|----|----|----|
| 1. Outline the clinical features, complications and management of supracondylar fracture of humerus. | 19 | 33 | 20 |
| 2. Outline the clinical features and management of congenital dislocation of Hip. | 19 | 33 | 20 |

II. Write Notes on:

- | | | | |
|--|---|---|---|
| 1. Radial nerve injury. | 3 | 8 | 5 |
| 2. Idiopathic scoliosis. | 3 | 8 | 5 |
| 3. Tennis elbow. | 3 | 8 | 5 |
| 4. Posterior dislocation of hip. | 3 | 8 | 5 |
| 5. Reverse Colle's fracture. | 3 | 8 | 5 |
| 6. Giant cell tumour. | 3 | 8 | 5 |
| 7. Radiological feature of ankylosing spondylitis. | 3 | 8 | 5 |
| 8. Value of MRI in Brain injuries. | 3 | 8 | 5 |

III. Short Answers :

- | | | | |
|---|---|---|---|
| 1. Difference between open and closed fracture. | 1 | 5 | 2 |
| 2. X-Ray findings in Osteoarthritis of knee. | 1 | 5 | 2 |
| 3. Pathological type of leprosy. | 1 | 5 | 2 |
| 4. Causes of knock knee. | 1 | 5 | 2 |
| 5. Indications of amputation. | 1 | 5 | 2 |
| 6. Pott's fracture. | 1 | 5 | 2 |
| 7. Radiological features of rickets. | 1 | 5 | 2 |
| 8. X-Ray findings in Colle's fracture. | 1 | 5 | 2 |
| 9. Stump neuroma. | 1 | 5 | 2 |
| 10. Involucrum. | 1 | 5 | 2 |

[LD 6158]

AUGUST 2013

Sub. Code: 6158

SECOND YEAR BOT EXAM

PAPER IV – CLINICAL ORTHOPAEDICS AND RADIO DIAGNOSIS

Q.P. Code : 786158

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X20=40)

1. Describe the clinical features, complications and management of Colles Fracture.
2. Describe the pathology, radiological features, complications and management of Tuberculosis Hip.

II. Write Notes on:

(8X5=40)

1. Foot drop
2. Rheumatoid Hand
3. Giant cell Tumour
4. Radiological features of Osteoarthritis Knee
5. Pes planus
6. Value of CT scan in Brain injury
7. Painful Arc syndrome
8. Chronic Osteomyelitis.

III. Short Answers:

(10X2=20)

1. Causes of Wrist drop
2. Arthroplasty
3. Compound Fracture
4. Dislocation and subluxation
5. Radiological features of Rickets
6. Ultrasonogram
7. Monteggia fracture – dislocation
8. Mallet finger
9. Management of scoliosis
10. Radiological features of Osteosarcoma.
