APRIL 2001

[KD 1562] **Sub. Code : 3105**

DIPLOMA IN ORTHOPAEDICS EXAMINATION

(New Regulations)

Part II

Paper II — ORTHOPAEDICS AND REHABILITATION

Time : Three hours Maximum : 100 marks

Answer ALL questions.

1. Describe the principles of computation surgery and its complications. Discuss the rehabilitation of a below-knee amputee.

2. Describe the aetiology, clinical and radiological features of Osteosarcoma. Discuss its management.

3. Write briefly on :

   (a) Tumoural calcinosis

   (b) Electromyography

   (c) Sudeck's Osteo dystrophy

   (d) Potts disease

   (e) Pseudo gout.

NOVEMBER 2001

[KE 1562] **Sub. Code : 3105**

DIPLOMA IN ORTHOPAEDICS EXAMINATION

(New Regulations)

Part II

Paper II — ORTHOPAEDICS AND REHABILITATION

Time : Three hours Maximum : 100 marks

Answer ALL questions

1. Describe the aetiology, clinical and radiological features of congenital dislocation of Hip. Discuss its management. (25)

2. Discuss the patho–physiology and management of degenerative arthritis. (25)

Write briefly on : (5 × 10 = 50)

(a) Ultrasonic therapy

(b) Kohlers disease

(c) Sinus Tarsi Syndrome

(d) Taylors Brace

(e) Ectopic Ossification.

MARCH 2002

[KG 1562] **Sub. Code : 3105**

DIPLOMA IN ORTHOPAEDICS EXAMINATION.

(New Regulations)

Part II

Paper II — ORTHOPAEDICS AND REHABILITATION

Time : Three hours Maximum : 100 marks

Answer ALL questions.

1. Classify the bone Tumors, clinical signs, differential diagnosis and management of osteosarcoma. (25)

2. Discuss the etiology, pathology, clinical signs, differential diagnosis and management of acute pyogenic osteomylitis of tibia. (25)

3 Write briefly on : (5 × 10 = 50)

(a) Madura foot.

(b) Ape thumb deformity.

(c) P.T.B. Prosthesis.

(d) Cauda Equina Syndrome

(e) Congenital vertical talus.

SEPTEMBER 2002

[KH 1562] **Sub. Code : 3105**

DIPLOMA IN ORTHOPAEDICS EXAMINATION.

(New Regulations)

Part II

Paper II — ORTHOPAEDICS AND REHABILITATION

Time : Three hours Maximum : 100 marks

1. Describe pathology, and clinical features of congenital dislocation of hip joint and add a note on detection, describe the management of a case with CDH at the age of 5 years. (25)

2. Describe the pathology of secondary deposits in bone, write on the mode of spread and clinical manifestations, write the management of secondary deposits with suitable examples. (25)

3. Write briefly on : (5 × 10 = 50)

   (a) Wrist arthrodesis

   (b) Ewings tumour

   (c) Sach foot

   (d) Tinels sign

   (e) Lumbrical canal.

APRIL 2003

[KI 1562] Sub. Code : 3105

DIPLOMA IN ORTHOPAEDICS EXAMINATION.

(New Regulations)

Part II

Paper II — ORTHOPAEDICS AND REHABILITATION

Time : Three hours Maximum : 100 marks

Answer ALL questions.

1. Discuss the aetiology, pathology of giant cell tumour of lower end of radius and its management. (25)

2. Discuss aetio-pathology of congenital dislocation of hip joint (CDH), clinical features, diagnosis and its management. (25)

3. Write briefly on : (5 × 10 = 50)

(a) Chanley's compression arthrodesis

(b) Pseudoosteo-dystrophy

(c) Wrist drop

(d) Cubitus-valgus

(e) Exostosis.

OCTOBER 2003

[KJ 1562] **Sub. Code : 3105**

DIPLOMA IN ORTHOPAEDICS EXAMINATION.

(New Regulations)

Part II

Paper II — ORTHOPAEDICS AND REHABILITATION

Time : Three hours	Maximum : 100 marks
Theory : Two hours and forty minutes	Theory : 80 marks
M.C.Q. : Twenty minutes	M.C.Q. : 20 marks

M.C.Q. must be answered **SEPARATELY** on the Answer Sheet provided as per the instructions given on the first page of the M.C.Q. Booklet.

Answer ALL questions.

Essay : (2 × 15 = 30)

1. Define pathological fracture, enumerate the common causes and broad principles of management. (15)

2. Discuss etiopathalogy, clinical features and management of "Club Foot". (15)

3. Short notes : (10 × 5 = 50)

(1) Quadriceps contracture.

(2) Cervical rib syndrome.

(3) Glomus tumor.

(4) Spina bifida cystica.

(5) Quadriceps drill.

(6) Dynamic splints.

(7) Infra Red therapy.

(8) Myelogram.

(9) Pathalogical fractures.

(10) Carpal tunnel syndrome.

———————

AUGUST 2004

[KL 1562] **Sub. Code : 3105**

DIPLOMA IN ORTHOPAEDICS EXAMINATION.

(New Regulations)

Part II

Paper II — ORTHOPAEDICS AND REHABILITATION

Time : Three hours Maximum : 100 marks

Theory : Two hours and forty minutes Theory : 80 marks

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

I. Essay : (2 × 15 = 30)

(1) Discuss the Etio–pathogenesis of tuberculosis of the spine and write current trends in management of Tuberculosis of spine.

(2) Classify Bonetumours, describe etiopathogenesis and management of 'Osteogenic Sarcoma'.

II. Write short notes on : (10 × 5 = 50)

(a) Frozen shoulder

(b) Triple deformity of knee

(c) Gait

(d) Osteoporosis

(e) Nerve Conduction Studies

(f) Loose Bodies

(g) Exo–Prosthesis

(h) Gouty Arthrities

(i) Carpel Tunnel Syndrome

(j) Dequervans Disease.

———

FEBRUARY 2005

[KM 1562] **Sub. Code : 3105**

DIPLOMA IN ORTHOPAEDICS EXAMINATION.

(New Regulations)

Part II

Paper II — ORTHOPAEDICS AND REHABILITATION

Time : Three hours Maximum : 100 marks

Theory : Two hours and forty minutes Theory : 80 marks

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

I. Essays : (2 × 15 = 30)

(1) Discuss etiopathology of developmental dysplasia of hip. Give its clinical and radiological features. How would you manage a five year old child with single hip involvement? (15)

(2) Describe the Etiopathology of lumbar disc prolapse. Discuss its clinical features, diagnostic tools and treatment modalities. (15)

II. Short notes : (10 × 5 = 50)

(a) Deformities of tight Illio Tibial Band.

(b) Supraspinatus tendonitis.

(c) Renal osteodystrophy.

(d) Isotope Bone Scan.

(e) Trendlenberg sign.

(f) Skeletal traction.

(g) Ulnar Paradox.

(h) Hallux rigidus.

(i) Multiple myeloma – pathology clinical features and management.

(j) Triple deformity.

MARCH 2006

[KO 1562] **Sub. Code : 3105**

DIPLOMA IN ORTHOPAEDICS EXAMINATION.

ORTHOPAEDICS AND REHABILITATION

Time : Three hours Maximum : 100 marks

Theory : Two hours and forty minutes Theory : 80 marks

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essays : (2 × 15 = 30)

(1) Avascular Necrosis of femoral head – Etiology, Classifications, Diagnosis and Management.

(2) Congenital Talipes Equino Varus – Etiology, Pathological changes, Clinical features and Management.

II. Short notes : (10 × 5 = 50)

(a) Osteoclastoma.

(b) Rehabilitation of paraplegic.

(c) Dupuytrens contracture.

(d) Hallux valgus.

(e) Radiological features of Tuberculosis Spine.

(f) Deformities of hand in Leprosy.

(g) De-Quervain's disease.

(h) Torticollis.

(i) Paget's disease.

(j) Thomas splint.

SEPTEMBER 2006

[KP 1562] **Sub. Code : 3105**

DIPLOMA IN ORTHOPAEDICS EXAMINATION.

ORTHOPAEDICS AND REHABILITATION

Time : Three hours Maximum : 100 marks

Theory : Two hours and forty minutes Theory : 80 marks

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions :

(1) Describe the aetiology, pathology, diagnosis and management of perthes' disease. (20)

(2) Describe the diagnosis, pathology and management of "Giant Cell Tumours of Bone". (15)

(3) Discuss the clinical features, radiological signs and principles of management of Development dysplasia of hip in a child below the age of 10 year. (15)

II. Short notes : (6 × 5 = 30)

(a) Cryosurgery

(b) Custom prosthesis

(c) SACH Foot

(d) Synovioma

(e) Dynamic Splint

(f) Bone Scan

MARCH 2007

[KQ 1563] Sub. Code : 3105

DIPLOMA IN ORTHOPAEDICS EXAMINATION.
ORTHOPAEDICS AND REHABILITATION
Common to
(Candidates Admitted from 1993–94 onwards)
and
(Candidates admitted from 2004–05 onwards)

Time : Three hours Maximum : 100 marks
Theory : Two hours and forty minutes Theory : 80 marks
M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.
Draw suitable diagrams wherever necessary.

I. Essay questions :

(1) Classification and management of spondylolisthesis. (20)

(2) Describe the clinical features, diagnosis and management of Perthe's disease. (15)

(3) Classify bone tumors. Discuss the diagnosis and management of Giant cell tumor of lower end of femur. (15)

II. Short notes : (6 × 5 = 30)

(a) Interlocking nailing in fractures
(b) Barton's fracture
(c) Metastatic disease of bone
(d) Pagets disease
(e) Thomas splint
(f) Keinbock's disease.

September 2008

[KT 1563] **Sub. Code: 3105**

DIPLOMA IN ORTHOPAEDICS EXAMINATION.

Paper III – ORTHOPAEDICS AND REHABILITATION
Common to
Part II – Paper I (candidates admitted upto 2003-2004 and
Paper III (for candidates admitted from 2004-2005 onwards)

Q.P. Code : 353105

Time : Three hours **Maximum : 100 marks**

Draw suitable diagram wherever necessary.
Answer ALL questions.

I. Essay questions : **(2 X 20 = 40)**

1. Differential diagnosis of Limp in child of 8 years. How will you investigate? Briefly mention the management.

2. Describe etiopathology, classification and various models of management of Osteomyelitis.

II. Write short notes on : **(10 X 6 = 60)**

1. Cox vara.
2. Loose bodies.
3. Erb's Palsy.
4. Wax bath.
5. Ileotibial band contracture
6. Nilwake brace.
7. Short wave Diathermy.
8. Pain heel.
9. Osteoid Osteoma.
10. Forzen shoulder.

———————

MARCH -2009

[KU 1563] **Sub. Code: 3105**

DIPLOMA IN ORTHOPAEDICS EXAMINATION.

Paper III – ORTHOPAEDICS AND REHABILITATION

(Common to all Regulations)

Q.P. Code : 353105

Time : Three hours **Maximum : 100 marks**

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions : (2 X 20 = 40)

1. Describe clinical features, diagnosis and management of osteosarcoma of distal femur.
2. Discuss clinical features, diagnosis and management of developmental dysplasia of hip in a 2 year old child.

II. Write short notes on : (10 X 6 = 60)

1. Costo-transversectomy.
2. Paget's disease of bone.
3. Gout.
4. Radio-isotope scanning.
5. Cervical rib.
6. Ankle-foot orthosis.
7. Sequestrum.
8. Compound palmar ganglion.
9. Vitamin D.
10. Triple arthrodesis of foot.

*****

September - 2009

[KV 1563] **Sub. Code: 3105**

DIPLOMA IN ORTHOPAEDICS EXAMINATION.

Paper III – ORTHOPAEDICS AND REHABILITATION
(Common to all Regulations)

Q.P. Code : 353105

Time : Three hours **Maximum : 100 marks**

Draw suitable diagram wherever necessary.
Answer ALL questions.

I. Essay questions : (2 X 20 = 40)

1. Describe the aetiopathology of slipped capital femoral epiphysis. How would you diagnose and manage such a case?

2. What is osteosynthesis? Describe ways to achieve osteosyntheses with recent advances.

II. Write short notes on : (10 X 6 = 60)

1. Resisted exercises.
2. Patellar tendon bearing prosthesis.
3. Cavus foot.
4. Kienbocks disease.
5. Thomas splint.
6. Villonodular synovitis.
7. Ewing's sarcoma.
8. Aetiology of osteoporosis (Senile and postmenopausal).
9. Discoid meniscus.
10. Sprengel's shoulder.

*****

March 2010

[KW 1563] Sub. Code: 3105

DIPLOMA IN ORTHOPAEDICS EXAMINATION

ORTHOPAEDICS AND REHABILITATION

(Common to all candidates)

Q.P. Code : 353105

Time : Three hours **Maximum : 100 marks**

Draw suitable diagram wherever necessary

Answer ALL questions

I. Essay questions : **(2 x 20 = 40)**

1. Define avascular necrosis. Describe the causes, clinical features, staging, diagnosis and management of avascular necrosis of head of femur.
2. Discuss the clinical features, diagnosis and management of tuberculosis of dorso-lumbar spine.

II. Write short notes on : **(10 x 6 = 60)**

1. Simple bone cyst.
2. Charnley's arthrodesis.
3. Laboratory diagnosis of multiple myeloma.
4. Iliotibial band contracture.
5. Jaipur foot.
6. Head at risk signs in Perthes disease.
7. Ulnar claw hand.
8. Ankylosing spondylitis.
9. Arthrogyphosis multiplex congenita.
10. Shoulder arc syndrome.

*****

September 2010

[XX 1563] **Sub. Code: 3105**

DIPLOMA IN ORTHOPAEDICS (D.ORTHO.) EXAMINATION.

Part II-Paper II for Candidates admitted from 2008-09 onwards
And
Paper III for Candidates admitted from 2004-05 to 2007-08

ORTHOPAEDICS AND REHABILITATION

Q.P. Code : 353105

Time : Three hours **Maximum : 100 marks**

Draw suitable diagram wherever necessary.
Answer ALL questions.

I. Essay questions : **(2 X 20 = 40)**

1. Discuss the clinical features and management of congenital dislocation of Hip in a 6 months old child.

2. Describe the Pathophysiology, classification, Radiology and management of Perthe's disease.

II. Write short notes on : **(10 X 6 = 60)**

1. Ulnar Claw Hand.
2. Gout.
3. Syndactyly.
4. Synovial Sarcoma.
5. Entrapment neuropathy in upper limb.
6. Infantile Torticollis.
7. Hallux Valgus.
8. Periarthritis Shoulder.
9. Paraffin wax and its use in Orthopaedics.
10. Osteoid Osteoma.

*****

APRIL 2011

[KY 1563] **Sub. Code: 3105**

DIPLOMA IN ORTHOPAEDICS (D.ORTH.) EXAMINATION

ORTHOPAEDICS AND REHABILITATION

Q.P. Code : 353105

Time : 3 hours (180 Min) **Maximum : 100 marks**

Answer ALL questions in the same order.

I. Elaborate on :	**Pages (Max.)**	**Time (Max.)**	**Marks (Max.)**
1. Discuss about the aetiology, pathology, clinical features and diagnosis of Caries spine. Write on the management of Pott's paraplegia in a 30 year old male.	11	35	15
2. Aetiology, mechanism of Recurrent anterior dislocation of shoulder in a young adult. Outline the various treatment options.	11	35	15
II. Write notes on :			
1. Ankylosing spondylitis.	4	10	7
2. Subacute osteomyelitis.	4	10	7
3. Gout.	4	10	7
4. Arthrography.	4	10	7
5. Osteogenesis imperfecta.	4	10	7
6. Milwaukee shoulder.	4	10	7
7. Short wave diathermy.	4	10	7
8. Axillary crutches.	4	10	7
9. Hallux valgus.	4	10	7
10. Thomas splint.	4	10	7

****

October 2011

[KZ 1563] **Sub. Code: 3105**

DIPLOMA IN ORTHOPAEDICS (D.ORTH.) EXAMINATION

ORTHOPAEDICS AND REHABILITATION

Q.P. Code : 353105

Time : 3 hours (180 Min) **Maximum : 100 marks**

Answer ALL questions in the same order.

I. Elaborate on :	**Pages (Max.)**	**Time (Max.)**	**Marks (Max.)**
1. Etiology and pathology of osteoporosis and its medical management.	11	35 min.	15
2. Describe various deformities of Rheumatoid hand and its management and rehabilitation.	11	35 min.	15
II. Write notes on :			
1. Renal osteodystrophy.	4	10 min.	7
2. Osteoblastic secondaries of spine.	4	10 min.	7
3. Club foot – Etiology.	4	10 min.	7
4. Involucrum.	4	10 min.	7
5. Bone scan.	4	10 min.	7
6. Milwaukee shoulder.	4	10 min.	7
7. Thomas splint.	4	10 min.	7
8. Medical management of ankylosing spondylitis.	4	10 min.	7
9. SOMI Brace.	4	10 min.	7
10. EMG in nerve injuries.	4	10 min.	7

****

April 2012

[LA 1563] **Sub. Code: 3105**

DIPLOMA IN ORTHOPAEDICS (D.ORTH.) EXAMINATION
ORTHOPAEDICS AND REHABILITATION
Q.P. Code : 353105

Time : 3 hours **Maximum : 100 marks**
(180 Min)

Answer ALL questions in the same order.

I. Elaborate on :	**Pages (Max.)**	**Time (Max.)**	**Marks (Max.)**
1. Classify Malignant bone Tumors. Discuss the pathology, clinical features, and management for osteosarcoma of lower femur.	16	35	15
2. Etiopathogenesis of Congenital Talipes Equino Varus, clinical features and management at different ages.	16	35	15

II. Write notes on :

1. Management of Myelo Meningocele.	4	10	7
2. Pathogenesis and treatment of Osteogenesis imperfecta.	4	10	7
3. Causes and management of Heterotrophic ossification.	4	10	7
4. Applications of Electrophysiological studies of peripheral nerves.	4	10	7
5. Pathology and management of Reflex sympathetic Osteo Dystrophy.	4	10	7
6. Clinical features and management of Periarthritis shoulder.	4	10	7
7. Clinical features and management of Student's Elbow.	4	10	7
8. Pathogenesis and treatment of Gout.	4	10	7
9. Micro Cellular Rubber Shoes.	4	10	7
10. Causes and management of Secondaries spines.	4	10	7

****

[LB 1563] **OCTOBER 2012** **Sub. Code: 3105**

DIPLOMA IN ORTHOPAEDICS (D.ORTH) EXAMINATION

ORTHOPAEDICS AND REHABILITATION.

Q.P. Code:353105

Time : 3 hours **Maximum : 100 marks**

(180 Min)

Answer ALL questions in the same order.

I. Elaborate on:	**Pages (Max.)**	**Time (Max.)**	**Marks (Max.)**
1. Pathogenesis, Clinical features and management of Tuberculous arthritis of Knee.	16	35	15
2. Pathogenesis, Clinical features and management of Disc Prolapse at L4-5 Level.	16	35	15

II. Write Notes on:

1. Custum mega prosthesis in the management of malignancy	4	10	7
2. Clinical features and management of Cleido cranial Dysostosis.	4	10	7
3. Pathology and Treatment for Paget's Disease.	4	10	7
4. Causes and management of Avascular necrosis of Femoral head.	4	10	7
5. Causes and management of Sacro Iliitis.	4	10	7
6. Pathology and management of Aneurismal bone cyst	4	10	7
7. Clinical features and management of Synovial Chondromatosis of shoulder.	4	10	7
8. Clinical features and management of Flat foot	4	10	7
9. Ultra sound therapy.	4	10	7
10. Clinical features and management of Retro Calcaneal Bursitis.	4	10	7

****

(LC 1563) **APRIL 2013** **Sub. Code: 3105**

DIPLOMA IN ORTHOPAEDICS (D.ORTH) EXAMINATION

ORTHOPAEDICS AND REHABILITATION

Q.P. Code: 353105

Time: Three Hours **Maximum: 100 marks**

I. Elaborate on: **(2X15=30)**

1. Pathophysiology, Radiology, Biochemistry, Clinical Features and Treatment of Nutritional Rickets.

2. Pathogenesis, Clinical Features and Management of Tuberculous arthritis of Hip.

II. Write notes on: **(10X7=70)**

1. Clinical features and management of Sprengel's Shoulder.
2. Pathology , clinical features and management of Morquio's Disease.
3. Histology and management of Osteoid osteoma.
4. Clinical features and management of Chondro calcinosis.
5. Clinical features and management of Carpal Tunnel syndrome.
6. Clinical features and management of Eosinophilic granuloma
7. Causes and management of Loose bodies in Knee.
8. Management of Hallux Valgus
9. Interferential therapy.
10. Clinical features and management of Semimembranosus Bursitis.

****

(LD 1563) **OCTOBER 2013** **Sub. Code: 3105**

DIPLOMA IN ORTHOPAEDICS (D.ORTHO) EXAMINATION

ORTHOPAEDICS AND REHABILITATION

Q.P. Code: 353105

Time: Three Hours **Maximum: 100 marks**

I. Elaborate on: **(2X15=30)**

1. Describe the Etiology, clinical and radiological features of Developmental dysplasia of Hip. How would you manage a five year old child with single hip involvement?
2. Describe the Etiology, Pathology of Giant Cell tumour of lower end of Radius and its management.

II. Write notes on: **(10X7=70)**

1. Congenital Vertical Talus
2. Ulnar claw hand
3. Supraspinatus tendinitis
4. Carpal Tunnel syndrome
5. Kohler's disease
6. Ulnar paradox
7. Tumour calcinosis
8. Paget's disease
9. Short wave diathermy
10. Osteoid osteoma

****

(LE 1563) **APRIL 2014** **Sub. Code:3105**

DIPLOMA IN ORTHOPAEDICS (D.ORTHO.) EXAMINATION

ORTHOPAEDICS AND REHABILITATION

Q.P.Code: 353105

Time: Three Hours **Maximum: 100 marks**

I. Elaborate on: **(2X15=30)**

1. Describe the Etiopathogenesis of Tuberculosis of the Spine and management of tuberculosis of dorso-lumbar spine.

2. Describe the Etiology, Classification, Diagnosis and Management of Avascular Necrosis of femoral head

II. Write notes on: **(10X7=70)**

1. Transitional vertebra.
2. Sprengel's shoulder.
3. Gout.
4. Cauda Equina Syndrome.
5. de Quervain's disease.
6. Triple deformity of knee.
7. Ewings tumour.
8. Head at risk sign in Perthes' disease.
9. Electromyography.
10. Osteogenesis imperfecta.

****

(LF 1563) **OCTOBER 2014** **Sub. Code:3105**

DIPLOMA IN ORTHOPAEDICS (D.ORTHO.) EXAMINATION

ORTHOPAEDICS AND REHABILITATION

Q.P.Code: 353105

Time: Three Hours **Maximum: 100 marks**

I. Elaborate on: **(2 x 15 = 30)**

1. What are the types of Osteomyelitis? Discuss the clinical features, investigations and treatment of Chronic non-specific hematogenous osteomyelitis .
2. Discuss morbid anatomy of club foot. How will you treat a three year old child with neglected club foot?

II. Write notes on: **(10 x 7 = 70)**

1. Biopsy in malignant bone tumours.
2. Triple arthrodesis.
3. TENS.
4. Eosinophilic granuloma.
5. Plantar fascitis.
6. LASER in orthopaedics.
7. Heterotopic ossification.
8. TB dactylitis.
9. Myelomeningocele.
10. Below knee prosthesis.

****