

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.
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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 osteomyelitis 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 etiopathology, 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) Pathological 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 Arthritides
- (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 Illo 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) Dupuytren's 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

[KQ 1563] MARCH 2007 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 Theory : 80 marks
forty minutes**

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. Iliotibial band contracture
 6. Milwaukee brace.
 7. Short wave Diathermy.
 8. Pain heel.
 9. Osteoid Osteoma.
 10. Frozen 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. Arthrogryphosis 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.)
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- | | | | |
|---|----|---------|----|
| 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
(180 Min)**

Maximum : 100 marks

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
(180 Min)**

Maximum : 100 marks

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. Custom mega prosthesis in the management of malignancy	4	10	7
2. Clinical features and management of Cleidocranial 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

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.

DIPLOMA IN ORTHOPAEDICS (D.ORTHO) EXAMINATION

ORTHOPAEDICS AND REHABILITATION

Q.P. Code: 353105

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 15 = 30)

1. Classify malignant tumours of bone and discuss pathology, clinical features and management of Osteosarcoma of distal femur.
2. Discuss the clinical features and management of Developmental Dysplasia of hip in a 3 year old child.

II. Write notes on:

(10 x 7 = 70)

1. Painful arc syndrome.
2. Aneurysmal bone cyst.
3. Triple arthrodesis of foot.
4. KAFO.
5. Hyperextension brace.
6. PTB prosthesis.
7. Paget's disease.
8. DeQuervain's disease.
9. Osgood Schlatter's disease.
10. Compound palmar ganglion.

DIPLOMA IN ORTHOPAEDICS (D.ORTHO) EXAMINATION

ORTHOPAEDICS AND REHABILITATION

Q.P. Code: 353105

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 15 = 30)

1. Describe the etiology, clinical features, radiological features and management of Slipped capital femoral epiphysis.
2. Describe the etiology and pathology of osteosarcoma. Discuss the management of Osteosarcoma of Proximal tibia.

II. Write notes on:

(10 x 7 = 70)

1. Multiple myeloma.
2. Psoriatic arthritis.
3. Custom mega prosthesis.
4. Allograft.
5. Bed sores.
6. SACH foot.
7. Tendon transfer for radial nerve palsy.
8. Equinus deformity.
9. Pes planus.
10. Kienbock's disease.

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. Describe the Etiopathology of Slipped Capital Femoral Epiphysis and its Management.
2. Describe the clinical features, Pathology and management of Giant cell tumour of bones.

II. Write notes on:

(10 x 7 = 70)

1. Dupuytren's contracture.
2. Strength duration Curve.
3. Hallux valgus.
4. Triple Deformity.
5. Tardy ulnar palsy.
6. Kienbock's disease.
7. Rehabilitation of Paraplegia.
8. SOMI brace.
9. Arthrography.
10. Thomas Splint.

(LJ 1563)

OCTOBER 2016

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. Describe the etiopathogenesis of Tuberculosis of hip joint.
2. Describe the etiology, classification, diagnosis and management of Spondylolisthesis.

II. Write notes on:

(10 x 7 = 70)

1. Aneurysmal bone cyst.
2. Haemophilic arthropathy.
3. Ankylosing spondylosis.
4. Limb salvage surgery.
5. Synthetic bone graft substitutes.
6. Myoelectric prosthesis.
7. Erb's palsy.
8. Osteochondritis dessicans - Distal femur.
9. Genu valgum.
10. Spinal cord injury without radiographic abnormality (SCIWORA).

(LK 1563)

MAY 2017

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. Describe Etiopathology, classification and Management of chronic Osteomyelitis.
2. Describe the Clinical features management of Perthes disease.

II. Write notes on:

(10 x 7 = 70)

1. Ultrasound therapy.
2. MCR foot wear.
3. FAB in CTEV.
4. Involucrum.
5. Tibia vara.
6. Syndactly.
7. Osteoid Osteoma.
8. Ankylosing Spondylitis.
9. IT Band Contractures.
10. Sprengel Shoulder.

(LL 1563)

OCTOBER 2017

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. Classify Coxa Vara and discuss the etiopathogenesis, clinical features and management of Perthe's Disease.
2. Discuss the Etiopathogenesis, clinical features and management of Secondary Bone Tumors.

II. Write notes on:

(10 x 7 = 70)

1. Congenital Radio-Ulnar Synostosis.
2. Brodie's Abscess.
3. Compound Palmar Ganglion.
4. Spina Bifida.
5. Clinical Tests for Ulnar Nerve injury.
6. CPM.
7. HKAFO- Hip Knee Ankle Foot Orthosis.
8. Congenital Vertical Talus.
9. Synovial Chondromatosis.
10. Cock-up Splint.

[LM 1563]

MAY 2018

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. Discuss the Etiopathogenesis, clinical features of Pott's Spine and its management.
2. Discuss the Etiopathogenesis, clinical features of Congenital Talipes Equino Varus and its management.

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

1. Congenital Muscular Torticollis.
2. Osteoid Osteoma.
3. Simple Bone Cyst.
4. Renal Rickets.
5. Carpal Tunnel Syndrome.
6. Dequervain's Disease.
7. Keinbock's Disease.
8. Fluorosis.
9. Neuropathic Joint.
10. Electrophysiological studies of Peripheral Nerves.

[LN 1563]

OCTOBER 2018

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. Classify Bone tumors. Discuss clinical features, differential diagnosis and management of Osteosarcoma.
2. Describe the etiopathology of Lumbar disc prolapse. Discuss the clinical features, diagnostic tools and treatment modalities.

II. Write notes on:

(10 x 7 = 70)

1. SCFE.
2. Paget's disease.
3. Custom prosthesis.
4. Keinbock's disease.
5. Wax bath.
6. Ultrasound therapy.
7. EMG in nerve injuries.
8. Triple deformity.
9. Discoid meniscus.
10. Jaipur foot.

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. Discuss etiopathology, clinical features and management of Developmental Dysplasia of Hip (DDH).
2. Discuss the etiopathogenesis, clinical features, Investigations and various treatment modalities in Tuberculosis of Hip joint.

II. Write notes on:

(10 x 7 = 70)

1. Multiple myeloma.
2. Club foot.
3. Interferential therapy.
4. Thomas splint.
5. Gout.
6. Triple arthrodesis of foot.
7. Hallus valgus.
8. Peri-arthritis Shoulder.
9. Short wave diathermy.
10. Head at risk signs in Perthe's disease.

[LQ 1563]

AUGUST 2020
(MAY 2020 SESSION)

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. Discuss about aetiopathogenesis, pathoanatomy, Clinical features and management of congenital talipes equinovarus
2. Classify bone tumors. Describe clinical features, histology of giant cell tumor arising from distal femur and its management

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

1. Loose bodies in the knee
2. Osteochondritis dissecans
3. Congenital fibular hemimelia
4. Subacute osteomyelitis
5. Radiological assesement of scoliosis
6. Congenital radioulnar synostosis
7. CTEV splints and shoes
8. Cryotherapy in orthopaedic rehabilitation
9. Impingement syndrome around ankle
10. Enchondroma

[LS 1563]

NOVEMBER 2020
(OCTOBER 2020 SESSION)

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. Discuss about types, grading, clinical features and management of Spondylolisthesis.
2. Discuss about aetiopathogenesis , clinical features , clinicoradiological classification and management of perthes disease.

II. Write notes on:

(10 x 7 = 70)

1. Meniscal tears
2. Femoroacetabular impingement
3. Crutch walking
4. Laser in orthopaedic rehabilitation
5. Brodie's abscess
6. Radial club hand
7. Villonodular synovitis
8. Tuberculous dactilitis
9. Phantom limb
10. Sprengel shoulder

(D.ORTHO. 0721)

JULY 2021

Sub. Code: 3105

(MAY 2021 SESSION)

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. Describe the causes of talipes calcaneovalgus deformity of foot. Discuss the management of congenital vertical talus.
2. Discuss the etiopathogenesis of rheumatoid arthritis of knee. Discuss the clinical features, management of genu valgum in rheumatoid arthritis.

II. Write notes on:

(10 x 7 = 70)

1. Transient synovitis.
2. Jewett brace.
3. Milwaukee shoulder.
4. Sciatic palsy in hip surgery.
5. Radiation therapy in bone tumours.
6. Somatosensory evoked potential.
7. Rehabilitation in total hip arthroplasty.
8. Klippel-feil syndrome.
9. Painless limp gait.
10. High tibial osteotomy.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[D.ORTHO. 1121]

**NOVEMBER 2021
(OCTOBER 2021 SESSION)**

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. Describe the etiopathogenesis, clinical features, radiology, management of congenital dislocation of hip.
2. Define orthosis and classify them. Write about assessment and prescription of lower limb orthosis.

II. Write notes on:

(10 x 7 = 70)

1. Freiberg's disease.
2. Shepherd crook deformity.
3. Osteoid osteoma.
4. Malignant fibrous histiocytoma.
5. Preslip.
6. Gate-control theory.
7. Cock-up splint.
8. Functional Electrical stimulation of muscle.
9. Milwaukee brace.
10. Microwave diathermy.

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

(D.ORTHO. 0522)

MAY 2022

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. Describe the causes of Neck Pain and discuss the Clinical Findings and management of Cervical Spondylosis in C4-5 to C6-7 level.
2. Deformities of Wrist and Hand in Rheumatoid Arthritis and its management.

II. Write notes on:

(10 x 7 = 70)

1. Bone Biopsy.
2. Secondary Osteosarcoma.
3. Cerebral Palsy Rehabilitation.
4. Cubitus Valgus.
5. De Quervain's Disease.
6. Secondary Torticollis.
7. Physiotherapy in Low Back Pain.
8. MPFL (Medial Patello Femoral Ligament).
9. Talipes Calcaneovalgus.
10. K T Orthosis (Knight Taylor).
