

**APRIL 1990**

**118**

**EXAMINATION FOR THE DIPLOMA IN  
ORTHOPAEDICS, APRIL 1990.**

**Paper II**

**GENERAL ORTHOPAEDICS — INCLUDING REHABILITATION**

**Time Three hours                      Maximum 100 marks**

**Answer ALL the questions**

1. Discuss the pathological anatomy of Congenital talipes equinovarus and indicate the modern trends in the management in a three year old child. (20 marks)
  
  2. How would you manage a case of gross flexion, abduction deformity of the hip, flexion of the knee and equinovarus of the foot on the same side in a five year old girl with residual paralysis from poliomyelitis. (20 marks)
  
  3. Write short notes on : (6 × 10 = 60 marks)
    - (a) Congenital Pseudarthrosis of Tibia.
    - (b) Bankhart's lesion.
    - (c) Ultrasonic sound therapy.
    - (d) Aneurysmal bone cyst.
    - (e) Plantar fasciitis.
    - (f) Diagnosis of Multiple Myeloma.
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EXAMINATION FOR DIPLOMA IN ORTHOPAEDICS  
(D.Ortho), SEPTEMBER 1990.

Paper II — ORTHOPAEDICS — INCLUDING  
REHABILITATION

Time : Three hours                      Maximum : 100 marks

Answer ALL the questions.

1. Discuss the differential diagnosis of Antalgic Gait in a 4 year old child. How do you manage Perthes' disease at this age? (20)
  
  2. Discuss the Surgical Anatomy of Ilio-Tibial band, the deformities produced by its contracture and their management. (20)
  
  3. Write short notes on :
    - (a) Anterior knee pain.
    - (b) Uncemented Prosthesis.
    - (c) Acute Osteomyelitis.
    - (d) P.T.B. Prosthesis.
    - (e) M.R.I.
    - (f) Hyper Parathyroidism. (6 × 10 = 60)
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**OCTOBER 1991**

**2 2 2**

**EXAMINATION FOR THE POST-GRADUATE DIPLOMA  
IN ORTHOPAEDICS (D.ORTHO), OCTOBER 1991.**

**Paper II — ORTHOPAEDICS INCLUDING  
REHABILITATION**

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

**Answer ALL questions.**

1. Discuss the causes of Paraplegia in T.B. Spine and its management. (25 marks)
  
  2. Discuss the differential diagnosis of cystic lesions of Lower end of femur. How will you manage a case of Giant cell tumour of Lower end of femur? (25 marks)
  
  3. Write short notes on : (5×10=50 marks)
    - (a) Jaipur Foot.
    - (b) Shortwave diathermy.
    - (c) Dynamic Splint.
    - (d) Bone Cement.
    - (e) Renal Rickets.
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**APRIL 1992**

**[ 2 2 2 ]**

EXAMINATION FOR THE POST-GRADUATE DIPLOMA IN  
ORTHOPAEDICS (D.O.), APRIL 1992.

Paper II — ORTHOPAEDICS INCLUDING REHABILITATION

Time : Three hours.                      Maximum : 100 marks.

Answer ALL questions.

1. Describe the Aetio-pathology of chronic osteomyelitis. Describe its management.                      (25 marks)
  
  2. Discuss the management of congenital talipes equinovarus.
  
  3. Write short notes on :                      (5 × 10 = 50 marks)
    - (a) Tennis Elbow.
    - (b) Cervical collar.
    - (c) Bone scan.
    - (d) Bone cyst.
    - (e) Charnley's arthrodesis.
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**APRIL 1993**

[RS 274]

DIPLOMA IN ORTHOPAEDICS

Paper II — GENERAL ORTHOPAEDICS  
INCLUDING REHABILITATION

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe the surgical anatomy and deformities produced by the contracture of Iliotibial band and discuss its management. (25)
  2. Describe the clinical and radiological features of Osteoarthritis of the knee joint. Discuss its management. (25)
  3. Write short notes on : (5 × 10 = 50)
    - (a) Sequestrum.
    - (b) Ewing's tumour.
    - (c) Bone cement.
    - (d) Torticollis.
    - (e) Infantile Cortical Hyperostosis.
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**NOVEMBER 1993**

[P R 514]

**DIPLOMA IN ORTHOPAEDICS**

**Paper II GENERAL ORTHOPAEDICS INCLUDING  
REHABILITATION**

Time : Three hours                      Maximum marks : 100

Answer ALL Questions

- 1] Define Amputation. How will you proceed to perform elective amputation through the Thigh segment in an adult of 30 years of age. Give an outline of his rehabilitation. (25)
  
- 2] How will you diagnose Acute Osteomyelitis? Discuss the management of the same. (25)
  
- 3] Write short notes on : (5 x 10 = 50)
  - a. High Tibial Osteotomy
  - b. KLUMPKE's Paralysis
  - c. Spontaneous rupture of Tendo Achilles
  - d. ILIO Tibial Band
  - e. Cervical collar

**APRIL 1995**

**SB 411]**

**DIPLOMA IN ORTHOPAEDICS.**

**(New Regulations)**

**Paper III ORTHOPAEDICS AND REHABILITATION**

**Time : Three hours**

**Maximum 100 marks**

**Answer ALL questions.**

- 1** Discuss the differential diagnosis of solitary vertebral compression in lumbo dorsal spine and your approach to its diagnosis. (25)
- 2** Describe the presentation, types and management of TB hip. (25)
- 3** Write short notes on : (5 x 10 = 50)
  - (a) Kienbocks disease.
  - (b) Disarticulation of the knee.
  - (c) Thermoplastic materials.
  - (d) Hallux va'gus.
  - (e) Frozen shoulder.

**APRIL 1997**

**[MP 354]**

**DIPLOMA IN ORTHOPAEDICS**

**(New Regulations)**

**Part II**

**Paper III — ORTHOPAEDICS AND REHABILITATION**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions.**

1. Describe the aetiology, classification, clinical presentation, diagnosis and management of spondylolisthesis. (25)
  
2. Discuss the differential diagnosis of cystic lesions in the bone and describe the management of cyst proximal femur in a seven year old child. (25)
  
3. Write briefly on : (5 × 10 = 50)
  - (a) Laser in orthopaedics.
  - (b) Functional bracing.
  - (c) MRI in orthopaedics.
  - (d) Glomangioma.
  - (e) Vertebra plana.

**OCTOBER 1997**

**[MS 349]**

**DIPLOMA IN ORTHOPAEDICS**

**(New Regulations)**

**Part II**

**Paper III — ORTHOPAEDICS AND REHABILITATION**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions**

1. What are the causes of ischaemic femoral necrosis?  
How do you manage it in a boy aged 8 years? (25)
2. Discuss the modern trends in the management of  
Osteosarcoma. (25)
3. Write briefly on (5 × 10 = 50)
  - (a) Osteopenia.
  - (b) Congenital pseudo arthrosis of tibia
  - (c) Laser in orthopaedics.
  - (d) Pes cavus
  - (e) Walking aids

**APRIL 1998**

**[SV 377]**

**DIPLOMA IN ORTHOPAEDICS**

**(New Regulations)**

**Part II**

**Paper III — ORTHOPAEDICS AND REHABILITATION**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions.**

1. Describe the Orthopaedic aspect of leprosy and its management. (25)
  2. Describe the pathology, diagnosis and management of Pott's Paraplegia at D<sub>6</sub> level. (25)
  3. Write briefly on : (5 × 10 = 50)
    - (a) Eosinophilic granuloma.
    - (b) Blair's orthodesis.
    - (c) Re-education of walking.
    - (d) Tensor fascialata.
    - (e) Ultrasonic therapy.
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**APRIL 1999**

**[SG 1559]**

**Sub. Code : 3102**

**DIPLOMA IN ORTHOPAEDICS EXAMINATION**

**(Old Regulations)**

**Paper II — GENERAL ORTHOPAEDICS INCLUDING  
REHABILITATION**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions**

1. Describe the aetiology, clinical features and management of congenital Talipes Equino varus in new born child. (30)
2. Discuss aetiology, clinical features and management of Tuberculosis of Spine at D<sub>12</sub> – L<sub>1</sub> level.(30)
3. Write short notes on : (4 × 10 = 40)
  - (a) Trigger Finger.
  - (b) Plantar Fasciitis.
  - (c) Ulnar Claw hand
  - (d) Peri Arthritis shoulder.

**APRIL 1999**

**[SG 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 the differential diagnosis of pain in hip joint in young adults and management of common conditions causing the same. (25)
  2. Describe the management of osteoclastoma upper end and tibia. (25)
  - 3 Write briefly on : (5 × 10 = 50)
    - (a) Mismatched transfusion.
    - (b) Gate theory of Pain.
    - (c) Patellar tendon bearing prosthesis
    - (d) Fine needle aspiration cytology.
    - (e) Congenital vertical talus.
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**OCTOBER 1999**

**[KA 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 etiology, clinical features and management of congenital dislocation of hip in a child.  
(30)
  2. Describe the signs and symptoms and management of prolapse intervertebral disc of Lumbar spine.  
(30)
  3. Write short notes on : (4 × 10 = 40)
    - (a) Quadriceps contracture
    - (b) Compartment syndrome
    - (c) Myositis Ossificans
    - (d) Hallux valgus.
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**APRIL 2000**

**[KB 1562]**

**Sub. Code : 3105**

**DIPLOMA IN ORTHOPAEDICS EXAMINATION**

(New Regulations)

**Part II**

**Paper II — ORTHOPAEDICS AND REHABILITATION**

**Time : Three hours**

**Maximum : 100 marks**

1. Discuss the Aetiopathogenesis of Perthes disease. Describe the radiological features and management of Perthes disease in a 9 year old child. (25)
  2. Classify Spondylolsthesis and discuss the diagnosis and management of Spondylolsthesis. (25)
  3. Write briefly on : (5 × 10 = 50)
    - (a) Ewings Tumor
    - (b) Tennis Elbow
    - (c) Trophic ulcer
    - (d) Kienbock's disease
    - (e) Syme's prosthesis
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OCTOBER 2000

[KC 1562]

Sub. Code : 3105

DIPLOMA IN ORTHOPAEDICS EXAMINATION.

(New Regulations)

Part II

Paper II — ORTHOPAEDICS AND REHABILITATION

Time : Three hours

Maximum : 100 marks

1. Discuss the aetiology and pathology of slipped capital femoral epiphysis. How would you diagnose and manage slipped capital femoral epiphysis in a 14 year old girl. (25)
2. Describe the Aetiopathology of Osteosarcoma. Discuss the diagnosis and management of osteosarcoma in the lower end of the femur in a young adult. (25)
3. Write briefly on : (5 × 10 = 50)
  - (a) Triple Arthrodesis
  - (b) Carpal Tunnel Syndrome
  - (c) Garres Osteomyelitis
  - (d) Patellar tendon bearing prosthesis
  - (e) Foot drop.