

APRIL 1997

[MP 352]

DIPLOMA IN ORTHOPAEDICS

(New Regulations)

Part I

**Paper I — BASIC SCIENCES AND GENERAL PRINCIPLES OF
SURGERY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions

1. Describe the surgical anatomy of the articular surface of the upper end of tibia. (25)
 2. Describe the physiology of coagulation of blood and its disorders. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) No man's land of Flexor tendons.
 - (b) Synovial plicae.
 - (c) Hypervitaminosis – D.
 - (d) Fat Embolism.
 - (e) Renal Rickets.
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OCTOBER 1997

[MS 347]

DIPLOMA IN ORTHOPAEDICS

(New Regulations)

Part I

**Paper I — BASIC SCIENCES AND GENERAL PRINCIPLES
OF SURGERY**

Time : Three hours

Maximum 100 marks

Answer ALL questions.

1. Describe the structural changes in Talipes equinovarus. Discuss the management of neglected CTEV in a boy aged 16 years. (25)
 2. Describe the surgical Anatomy of Radial nerve and common lesions involving it. Briefly discuss the management. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Fat embolism.
 - (b) Automatic Bladder.
 - (c) Lab findings in Rickets.
 - (d) Drug Resistance.
 - (e) Skeletal muscle relaxants.
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APRIL 1998

[SV 375]

DIPLOMA IN ORTHOPAEDICS

(New Regulations)

Part I

**Paper I — BASIC SCIENCES AND GENERAL PRINCIPLES
OF SURGERY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe the anatomy of the hip joint. Briefly discuss about the surgical approaches for the exposure of hip. (25)
 2. Classify the cystic lesions of bone. Discuss the pathology and management of giant cell tumour. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Cruciate anastomosis.
 - (b) Medial meniscus.
 - (c) AIDS awareness and precautions.
 - (d) Alkaline phosphatase.
 - (e) Drugs in Rheumatoid Arthritis.
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APRIL 1999

[SG 1560]

Sub. Code : 3103

DIPLOMA IN ORTHOPAEDICS EXAMINATION

(New Regulations)

Part I

**BASIC SCIENCES AND GENERAL PRINCIPLES OF
SURGERY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions

1. Describe the signs and symptoms of pulmonary embolism and its management. (25)
 2. Describe the surgical anatomy of flexor tendons and the management of their injuries. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Bone Transport.
 - (b) Crush syndrome.
 - (c) Diabetic foot.
 - (d) Anticoagulant drugs.
 - (e) Stress fractures.
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OCTOBER 1999

[KA 1560]

Sub. Code : 3103

DIPLOMA IN ORTHOPAEDICS EXAMINATION.

(New Regulations)

Part I

**BASIC SCIENCES AND GENERAL PRINCIPLES OF
SURGERY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Classify Bone Tumors, discuss the etiology, clinical features and radiological features of Osteogenic sarcoma. Discuss the chemotherapy of Osteosarcoma.

(30)

2. Describe the surgical anatomy of Ulnar Nerve in Hand. Describe the clinical features of Ulnar Nerve Injury at the level of Wrist.

(30)

3. Write short notes on : (4 × 10 = 40)

(a) Vitamin 'D' resistant Rickets

(b) Paget's disease

(c) Tetany

(d) Carpal Tunnel Syndrome.

APRIL 2000

[KB 1560]

Sub. Code : 3103

DIPLOMA IN ORTHOPAEDICS EXAMINATION.

(New Regulations)

Part I

**BASIC SCIENCES AND GENERAL PRINCIPLES OF
SURGERY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe fracture healing. Outline the factors which affect fracture healing. Discuss the causes and management of non union of the distal third fracture of the tibia. (25)
 2. Describe the anatomy of the flexor tendons in the hand. How will you manage "fresh" flexor tendon injuries at the "NO MAN'S LAND" and at a distal level in the fingers. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) AIDS and the orthopaedic surgeon
 - (b) Looser's zone
 - (c) Functional cast brace
 - (d) Plaster of Paris
 - (e) Diabetic foot.
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OCTOBER 2000

[KC 1560]

Sub. Code : 3103

DIPLOMA IN ORTHOPAEDICS EXAMINATION.

(New Regulations)

Part I

**BASIC SCIENCES AND GENERAL PRINCIPLES OF
SURGERY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the pathophysiology of Adult Respiratory distress syndrome (ARDS). Discuss the management of ARDS following femur fracture in an adult. (25)
2. Discuss the arches of the foot. Discuss the clinical and radiological features of congenital talipes equinovarus (CTEV). Discuss the management of Rigid clubfoot in a 1 year old child. (25)
3. Write briefly on : (5 × 10 = 50)
 - (a) Trendelenbergh's test
 - (b) Myelogram
 - (c) Ankle foot orthosis
 - (d) Rifampicin
 - (e) Giant cells.