RK—2404

DIPLOMA IN ORTHOPAEDICS EXAMINATION, 2002

Paper I—BASIC AND CLINICAL SCIENCES AS APPLIED TO ORTHOPAEDIC SURGERY including RECENT ADVANCES

(Old Scheme)

Time : Three Hours Maximum : 100 Marks

Answer **all** *questions.*

Long Essays :

1. Describe the healing of fractures and causes of nonunion.
2. Draw a labelled diagram of upper tibia in a child showing various layers of growth plate. Describe the types and the management of epiphyseal injuries.

(2 × 20 = 40 marks)

Short Essays :

3. Mechanical function of articular cartilage.
4. Anatomical snuff box.
5. Carpal tunnel.
6. Blood supply of talus.
7. Deltoid muscle.
8. Parathormone.

(6 × 10 = 60 marks)

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RK—2404-A

POST-GRADUATE DIPLOMA IN ORTHOPAEDICS EXAMINATION, 2002

Paper I—BASIC SCIENCES AS APPLIED TO ORTHOPAEDICS

(Revised Scheme)

Time : Three Hours Maximum : 100 Marks

Answer **all** *questions.*

Long Essays :

1. Describe the pathological anatomy of idiopathic congenital talipes equinovarus and its importance in the surgical correction of the deformity.
2. Describe briefly calcium metabolism and signs and symptoms, aetiopathogenesis, clinicoradiological and laboratory diagnosis of nutritional rickets.

(2 × 20 = 40 marks)

Short Essays :

3. Axonotemesis.
4. Biological fixation.
5. Tension pneumothorax.
6. Femoral anteversion.
7. Posterolateral approach to femoral shaft.
8. Tendon transfers for radial nerve palsy.

(6 × 10 = 60 marks)

RK—2405

POST-GRADUATE DIPLOMA IN ORTHOPAEDICS EXAMINATION, 2002

Paper II—ORTHOPAEDICS AND RECENT ADVANCES RELATED TO ORTHOPAEDICS

(Old Scheme)

Time : Three Hours Maximum : 100 Marks

Answer **all** *questions.*

Long Essays :

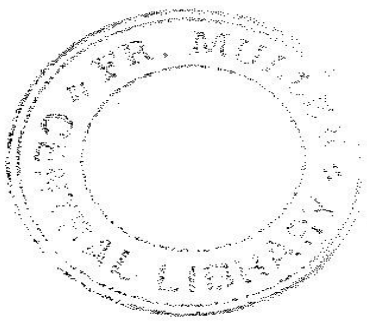
1. Discuss the clinical features, radiological signs and principles of management of developmental dysplasia of hip in a child below the age of 1 year.
2. Classify bone tumours and discuss the management of giant cell tumour of upper tibia.

(2 × 20 = 40 marks)

Short Essays :

3. Ulnar claw hand.
4. Osteomalacia.
5. Chondro calcinosis.
6. Neuropathic joint.
7. Jaipur foot.
8. Villonodular synovitis.

(6 × 10 = 60 marks)



RK—2405-A

POST-GRADUATE DIPLOMA IN ORTHOPAEDICS EXAMINATION, 2002

Paper II—ORTHOPAEDIC TRAUMATOLOGY

(Revised Scheme)

Time : Three Hours Maximum : 100 Marks

Answer **all** *questions.*

Long Essays :

1. Classify trochanteric fractures and discuss the management of trochanteric fracture in a 60 year old man.
2. Classify flexor tendon injuries of hand and discuss the management.

(2 × 20 = 40 marks)

Short Essays :

3. Fracture of talus.
4. Median nerve injury.
5. Supracondylar fracture of humerus in children.
6. Recurrent dislocation of shoulder.
7. Unreamed nailing.
8. Hangman's fracture.

(6 × 10 = 60 marks)

RK—2406-A

POST-GRADUATE DIPLOMA IN ORTHOPAEDICS EXAMINATION, 2002

Paper III—ORTHOPAEDICS

(Revised Scheme)

Time : Three Hours Maximum : 100 Marks

Answer **all** *questions.*

Long Essays :

1. Describe the clinical features and management of rheumatoid hand.
2. Describe classification of musculoskeletal tumours and management of grade II osteosarcoma lower end of femur in a 16 year old boy.

(2 × 20 = 40 marks)

Short Essays :

3. Nail patella syndrome.
4. Recent advances in nerve repair.
5. Interferential therapy.
6. Gorham's disease.
7. Tennis elbow.
8. Laser therapy.

(6 × 10 = 60 marks)