(34)

RC—8261

M.S. (ORTHOPAEDICS) DEGREE EXAMINATION, 2004

PAPER I

(Revised Scheme)

Time : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

I. Long Essays :

1 What are the effects of parathyroid hormone on bone and mineral metabolism ?

2 What is the structure of periosteum and what is its role in health, injury and disease of bone.

(2 × 20 = 40 marks)

II. Short Essays :

3 Stress fractures—describe briefly its role in orthopaedics.

4 Disturbances of uric acid metabolism.

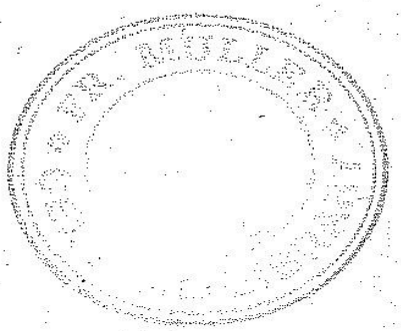
5 Anatomy of rotator cuff-shoulder.

6 Pathology of cold abscess.

7 Bone transport.

8 Pathological-anatomy of spondylolisthesis.

(6 × 10 = 60 marks)



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M.S. (ORTHOPAEDICS) DEGREE EXAMINATION, 2004

PAPER II

(Revised Scheme)

Time : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

I. Long Essays :

1 What is Osteo-synthesis ?

Describe various ways to achieve oseteosynthesis in fracture management in special reference to recent advances.

2 Describe management of a patient with polytrauma in emergency medical department.

(2 × 20 = 40 marks)

II. Short Essays :

3 Implant failure causes and management.

4 Management of acute dislocation of patient undedgone total hip replacement just 6 hours back.

5 Complications of Colle's fracture.

6 Stove in chest.

7 Management of pathological fractures occurring at neck of femur.

8 Anterior cruciate ligament injury.

(6 × 10 = 60 marks)

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M.S. (ORTHOPAEDICS) DEGREE EXAMINATION, 2004

PAPER III

(Revised Scheme)

Time : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

I. Long Essays :

1 Aetiology, clinical features, investigations management of septic arthritis in infants and children.

2 Describe mechanism of milturition and how it is affected in cord/root injury.

(2 × 20 = 40 marks)

II. Short Essays :

3 Pedicular screw fixation.

4 HLA antigen.

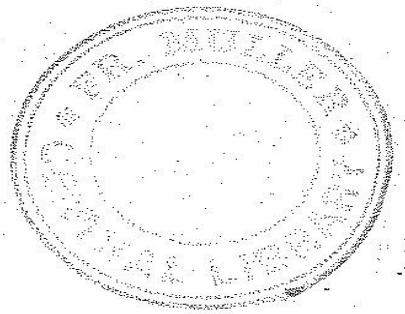
5 Investigations in Paget's disease.

6 Brown sequard syndrome.

7 Dynamic hip screw—D.H.S.

8 Atrhrogryphosis.

(6 × 10 = 60 marks)



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M.S. (ORTHOPAEDICS) DEGREE EXAMINATION, 2004

PAPER IV

(Revised Scheme)

Time : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

I. Long Essays :

1 Describe principles of surgical management of idiopathic and paralytic scoliosis.

2 Surgical management of recurrent anterior dislocation of shoulder.

(2 × 20 = 40 marks)

II. Short Essays :

3 Blood supply of scaphoid.

4 Cubitus varus.

5 Hoffa's fracture.

6 Pathological anatomy of congenital vertical talus.

7 Material used in total hip arthroplasy.

8 Osteochondrites dessicans in knee joint.

(6 × 10 = 60 marks)

