8261_2006_2_S13

Rajiv Gandhi University of Health Sciences

M.S. DEGREE EXAMINATION

22

Time: 3 Hours] [Max. Marks: 100]

ORTHOPAEDICS

PAPER I (Revised Scheme)

QP Code: 8261

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY 2 X 20 = 40 Marks

1. Describe the anatomy of the brachial plexus. How would you investigate and manage a case of acute brachial injury?
2. What are the age related changes that occur in bone? How will you quantify osteoporosis?

SHORT ESSAY 6 X 10 = 60 Marks

3. Thomas test
4. In-toeing gait
5. Zancolli's capsulorrhaphy
6. Loose bodies
7. Pulmonary function tests in scoliosis
8. SACH foot

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Rajiv Gandhi University of Health Sciences

(93)

M.S. DEGREE EXAMINATION

Time: 3 Hours] [Max. Marks: 100]

ORTHOPAEDICS

PAPER II (Revised Scheme)

QP Code: 8262

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY 2 X 20 = 40 Marks

1. Discuss the applied anatomy, mechanism of injury and clinical features of medial meniscal injury. What re the advantages and limitations of arthroscopic meniscectomy.
2. Discuss the relevant anatomy of carpal scaphoid in relation to fracture scaphoid. What are the complications of fracture scaphoid? Discuss their management.

SHORT ESSAY 6 X 10 = 60 Marks

3. Jefferson's fracture
4. Injury severity score
5. Stress fractures
6. Fracture neck of radius in a child
7. Principles of compression fixation
8. Bankart's lesion

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8263_2006_2_S13

Rajiv Gandhi University of Health Sciences

(28)

M.S. DEGREE EXAMINATION

me: 3 Hours] [Max. Marks: 100]

ORTHOPAEDICS

PAPER III (Revised Scheme)

QP Code: 8263

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

NG ESSAY **2 X 20 = 40 Marks**

Define radioactive isotopes. What should be the ideal desirable characteristics of a bone-seeking isotope? What are the radioactive isotopes commonly used in clinical orthopaedics? Discuss their indications.

Discuss the biological and biomechanical changes found in osteoarthrosis of the hip. Discuss the principles behind osteotomies around the hip in the management of OA hip. Discuss their relative merits and demerits.

ORT ESSAY **6 X 10 = 60 Marks**

APLD (automated percutaneous lumbar discectomy)

Ollier's disease

Clinical and radiological features seen in spondylotic caudaequinopathy

Vascularized pedicle bone grafting

ARDS (adult respiratory distress syndrome)

Repetitive stress syndrome

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8264 2006 3 S11

Rajiv Gandhi University of Health Sciences

M.S. DEGREE EXAMINATION

[Max. Marks: 100]

[Time: 3 Hours]

ORTHOPAEDICS

PAPER IV (Revised Scheme)

QP Code: 8264

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

2 X 20 = 40 Marks

LONG ESSAY

1. Discuss the aetiology and pathology of slipped capital femoral epiphysis. How would you establish the diagnosis? How would you manage slipped capital femoral epiphysis in a 13-year-old girl?
2. What are options available for managing a four-centimeter lower limb length inequality in a fourteen-year-old boy? Clearly mention the factors you will take into consideration for the choice of the treatment modality. Describe in detail the method you would prefer to employ.

6 X 10 = 60 Marks

SHORT ESSAY

3. Radiological features of osteoporosis involving the spine
4. Torticollis
5. Bryant's triangle
6. Hallux Valgus
7. Blount's disease
8. Madelung's deformity

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8261_2006_1_S03

Rajiv Gandhi University of Health Sciences, Karnataka

M.S. (ORTHOPAEDICS) DEGREE EXAMINATION

Time: 3 Hours [Max. Marks : 100]

PAPER I
(Revised Scheme)

QP Code: 8261

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.
Answer all questions

LONG ESSAYS 2 X 20 = 40 Marks

1. Describe normal gait and briefly describe the management of limb length discrepancy.
2. Describe calcium metabolism. What are the metabolic effects of excessive secretion of parathyroid gland?

SHORT ESSAYS 6 X 10 = 60 Marks

3. Tarsal coalition.
4. Acid-fast staining.
5. Alkaline phosphatase.
6. Kienbock's disease.
7. Loose bodies.
8. Biphosphonates.

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8262_2006_1_S02

Rajiv Gandhi University of Health Sciences, Karnataka

M.S. (ORTHOPAEDICS) DEGREE EXAMINATION

Time: 3 Hours [Max. Marks : 100]

PAPER II
(Revised Scheme)

QP Code: 8262

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.
Answer all questions

LONG ESSAYS 2 X 20 = 40 Marks

1. Classify acetabular fracture. Describe the clinical features management and complications of acetabular fracture.
2. Discuss the etiopathology and treatment of recurrent dislocation of shoulder joint

SHORT ESSAYS 6 X 10 = 60 Marks

3. Chance fracture
4. Corrosion
5. Galezzi fracture
6. PTB prosthesis ✓
7. Tillaux fracture
8. Myossitis ossificans

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8263_2006_1_S03

Rajiv Gandhi University of Health Sciences, Karnataka

M.S. (ORTHOPAEDICS) DEGREE EXAMINATION

Time: 3 Hours [Max. Marks : 100]

PAPER III
(Revised Scheme)

QP Code: 8263

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.
Answer all questions

LONG ESSAYS 2 X 20 = 40 Marks

1. Describe the clinical and radiological features and management of tuberculous paraplegia occurring at thoracic spine in adults.

2. Classify bone tumors. Describe the pathology and clinical features of osteoclastoma. Discuss the management of recurrent GCT in the lower and of radius.

SHORT ESSAYS 6 X 10 = 60 Marks

3. Thoracic outlet syndrome.

4. Alkaptonuria.

5. Maffuci's syndrome.

6. Tarsal coalition.

7. Bone scan.

8. Deltoid contracture.

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8264_2006_1_S02

Rajiv Gandhi University of Health Sciences, Karnataka

M.S. (ORTHOPAEDICS) DEGREE EXAMINATION

Time: 3 Hours [Max. Marks : 100]

PAPER IV
(Revised Scheme)

QP Code: 8264

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.
Answer all questions

LONG ESSAYS 2 X 20 = 40 Marks

1. Describe the surgical anatomy of iliotibial band, the deformities produced by its contracture and their management.
2. Discuss the etiology, clinical features and treatment of prolapsed intervertebral disc in lower lumbar spine.

SHORT ESSAYS 6 X 10 = 60 Marks

3. Impingement syndrome.
4. Crush syndrome.
5. Bone bank.
6. Radiological measurement of idiopathic scoliosis.
7. Phantom limb.
8. Osteochondritis dessicans.

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