Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - May 2011

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

ORTHOPAEDICS

BASIC AND CLINICAL SCIENCES as applied to ORTHOPAEDIC SURGERY including RECENT ADVANCES

PAPER - I (Old Scheme)

Q.P. CODE : 8251

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 surgical anatomy of Arches of the foot. Discuss stabilization procedures of foot and ankle
2. Describe blood supply to head of femur. Discuss Avascular Necrosis and its management

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

3. Imaging in orthopaedics
4. Periosteal reaction
5. Cubitus varus
6. Arthroscopy
7. Osteochondroma
8. Fat embolism

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - May 2011

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

ORTHOPAEDICS

PAPER - II (Old Scheme)

Q.P. CODE : 8252

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 aetiology, pathology, clinical features, complications and management of Acute Osteomyelitis in children
2. Classify fractures of distal end of radius. Discuss the management

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

3. Carpal tunnel syndrome
4. Baker's cyst
5. Skeletal traction
6. Radial nerve palsy
7. DHS Vs PFN
8. Crystal arthritis

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination – May 2011

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

ORTHOPAEDICS

PAPER - III (Old Scheme)

Q.P. CODE: 8253

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. Classify Coxa vara. Discuss the aetiology, pathology clinical features and management of Perthes disease
2. What are the causes for pathological fractures. Discuss the diagnosis and management in hyperparathyroidism

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

3. Vertical talus
4. Kaplans lesion
5. Spina bifida
6. Implant failure
7. Skeletal traction
8. Bone cement

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination – May 2011

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

ORTHOPAEDICS

PAPER - IV (Old Scheme)

Q.P. CODE: 8254

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 indications, Pre operative assessment, complications and management of Total knee Arthroplasty
2. Classify Open fractures. Discuss the complications and management

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

3. Gas gangrene
4. Minimally invasive plae Osteosynthesis
5. Bryant's traction
6. Bone scan
7. Reamed vs unreamed nailing
8. Blount's disease

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - May 2011

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

ORTHOPAEDICS

PAPER I

(Revised Scheme)

Q.P. 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 Anatomy of Tensor Fascia Latae muscle and its role in poliomyelitis
2. Discuss Fat Embolism syndrome

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

3. Osteoid Osteoma
4. Shoulder Hand syndrome
5. Use of Electro diagnostics in neuromuscular disorders
6. 3 D CT Scan
7. Silastic prosthesis
8. SLAP lesion of shoulder

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - May 2011

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

ORTHOPAEDICS

PAPER II

(Revised Scheme)

Q.P. 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. Classify fractures of Acetabulum and describe management of each one of it.
2. Classify open fractures and describe management of Grade IIIB tibial shaft fracture in adults.

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

3. Classify dislocation of hip and add a note on posterior dislocation of hip
4. Principles of fracture fixation
5. Gun Stock deformity
6. Use of external fixators in orthopaedic trauma
7. Acromio – clavicular dislocation
8. PTB cast

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination – May 2011

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

ORTHOPAEDICS

PAPER III

(Revised Scheme)

Q.P. CODE: 8263

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. Define, Classify Acute Osteomyelitis. Add a note on Etiopathogenesis and management of Acute Osteomyelitis.
2. Describe stabilizing structures of knee joint. Add a note on Arthroscopic repair of Grade III ACL injury

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

3. Vertebroplasty
4. Kocher Langenback approach to hip
5. Medical management of Tuberculosis Spine
6. Principles of amputation
7. Rotator cuff injury
8. Charcoat's Arthtropathy

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination – May 2011

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

ORTHOPAEDICS

PAPER IV

(Revised Scheme)

Q.P. CODE: 8264

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. Explain causes of painful hip in 8 year old child. Discuss pathology, diagnosis and management of each cause.
2. Describe aetiology, pathoanatomy, clinical features, investigations and treatment for shoulder instability.

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

3. Reflex sympathetic dystrophy in upper limb
4. Tardy ulnar nerve palsy
5. Heel pain
6. March fracture
7. Clinical tests for knee instability
8. Coccydodyna

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - Nov 2011

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

ORTHOPAEDICS

PAPER I

(Revised Scheme)

Q.P. 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. Discuss evaluation and management of polytrauma patient
2. Seronegative spondylo arthropathies – enumerate and discuss in brief their clinical features and management

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

3. Bone cement
4. Scurvy
5. Talus – anatomy and blood supply
6. Laser therapy
7. Sir. John charnley
8. Skeletal traction

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - Nov 2011

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

ORTHOPAEDICS

PAPER II

(Revised Scheme)

Q.P. 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 shoulder instability and management of Recurrent dislocation of shoulder. Mention the recent advances in same
2. Classify compound fracture of Tibia. Describe their management

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

3. VIC
4. Non union of fracture of scaphoid
5. Transosseous sutures
6. Lauge – Hansen classification of ankle injuries
7. Whiplash injury
8. Secondary bone healing

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - Nov 2011

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

ORTHOPAEDICS

PAPER III

(Revised Scheme)

Q.P. CODE: 8263

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 clinical features and management of Rheumatoid Arthritis
2. What are indications of Knee Arthrodesis? Describe in detail Charnely's compression Arthrodesis

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

3. Ozone therapy
4. Hallux valgus deformity
5. Painful heel
6. Percutaneous lumbar dissectomy operation
7. Coccygodynia
8. Rickets

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination – Nov 2011

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

ORTHOPAEDICS

PAPER IV

(Revised Scheme)

Q.P. CODE: 8264

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. Congenital talipes equino, varus- deformity Discuss patho-anatomy, clinical features and management in a ten year old child
2. Tuberculosis of spine. Discuss pathology, clinical features, diagnosis and management at the level of thoraco lumbar junction

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

3. Avascular necrosis of femoral head
4. Osteopetrosis
5. Perthes disease-diagnosis and management
6. Congential pseudorthrosis tibia
7. Carpal tunnel syndrome
8. Bone scintigraphy

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