Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination - May 2014

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

DIPLOMA IN ORTHOPAEDICS (D.ORTHO)

BASIC AND CLINICAL SCIENCES AS APPLIED TO ORTHOPAEDIC SURGERY INCLUDING RECENT ADVANCES

PAPER – I (Old Scheme)

Q.P. CODE : 7181

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. Write a detail about Ossification of bone. Discuss about primary fracture healing
2. Write a note on biomechanics of the HIP joint. Discuss about its clinical implications

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

3. Synovial fluid
4. Myositis
5. Bone mineralization
6. Bone transplant
7. Alkaline phosphatase
8. Hyaline cartilage

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Diploma Degree Examination – May 2014

Time: Three Hours **Max. Marks: 100 Marks**

DIPLOMA IN ORTHOPAEDICS

Basic science as applied to Orthopaedics

PAPER – I (Revised Scheme)

Q.P. CODE: 7191

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

LONG ESSAYS **2 x 20 = 40 Marks**

1. Describe the anatomy of growth plate. Classify growth plate injuries. Add a note on its complications.
2. Describe the deformities in rickets. Discuss the management of unilateral genu valgum in a 8 year old boy with renal rickets.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Cancellous bone graft
4. Crutch palsy
5. Bryant's traction
6. Thomson's prosthesis
7. Uric acid
8. Gas gangrene

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Diploma Degree Examination – <<>>

Time: Three Hours **Max. Marks: 100 Marks**

DIPLOMA IN ORTHOPAEDICS

Basic science as applied to Orthopaedics

PAPER – I (Revised Scheme)

Q.P. CODE: 7191

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 physeal injuries and describe in detail the clinical features and management of physeal injuries.
2. Define amputation and discuss in detail, indications, surgical techniques and complications of amputation. Mention the various levels of amputations in upper limb and lower limb.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Lag screw
4. D'quervains disease
5. Compartment syndrome
6. TENS
7. Role of isotope scanning in orthopaedics
8. Bursae around knee

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – May 2014

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

DIPLOMA IN ORTHOPAEDICS (D.ORTHO)

PAPER – II (Old Scheme)

Q.P. CODE: 7182

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 scoliosis. Write in detail about management & clinical features of idiopathic scoliosis
2. Classify pseudoarthrosis of tibia & write in detail about its management

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

3. Osteo chondroma
4. Hallux valgus
5. Neurogenic bladder
6. Pemberton osteotomy
7. Vertical talus
8. Rheumatoid factor

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Diploma Degree Examination – May 2014

Time: Three Hours **Max. Marks: 100 Marks**

DIPLOMA IN ORTHOPAEDICS

Orthopaedic Traumatology

PAPER – II (Revised Scheme)

Q.P. CODE: 7192

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

LONG ESSAYS **2 x 20 = 40 Marks**

1. Describe the anatomy of the lateral popliteal nerve. How will you manage a patient with neurotemesis of lateral popliteal nerve injury who presents 6 weeks later?
2. Describe the management of floating knee with type 3A open fracture of tibia & closed fracture of mid shaft of femur in a 40 year old male.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Free flaps
4. Steinmann pin
5. AVN of talus
6. Diagnosis and management of PCL injury
7. AO classification of distal radius fracture
8. Shenton's line

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – May 2014

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

DIPLOMA IN ORTHOPAEDICS (D.ORTHO)

PAPER – III (Old Scheme)

Q.P. CODE : 7183

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 polytrauma. Discuss in detail about clinical features & management of RDS
2. Define dislocation. Discuss in detail about clinical features & management of Recurrent dislocation of shoulder

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

3. Scaphoid nonunion
4. Public diastasis
5. Locked compression plate
6. Mac murray's osteotomy
7. Bone Substitute
8. Skin traction

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Diploma Degree Examination – May 2014

Time: Three Hours **Max. Marks: 100 Marks**

DIPLOMA IN ORTHOPAEDICS

PAPER – III (Revised Scheme)

Q.P. CODE: 7193

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

LONG ESSAYS **2 x 20 = 40 Marks**

1. Describe the etiopathogenesis, clinical and radiological features and management of unilateral DDH in a 3 year old girl.
2. Discuss the clinical features and management of IVDP at L4 – L5 level.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Osteoblastoma
4. Unco vertebral joint
5. Ankylosing spondylitis
6. Synovial cell sarcoma
7. Cubitus varus
8. Chi square test

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination - <<>>

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

DIPLOMA IN ORTHOPAEDICS (D.ORTHO)

BASIC AND CLINICAL SCIENCES AS APPLIED TO ORTHOPAEDIC SURGERY INCLUDING RECENT ADVANCES

PAPER – I (Old Scheme)

Q.P. CODE: 7181

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. Synovial fluid analysis
2. Anatomy and biomechanics of knee joint

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

3. Enumerate crystal deposition disease. Clinical features, investigations and management of gout.
4. Describe ligaments of ankle joint.
5. Enumerate sero-negative spondyloarthopathies.
6. Clinical features of acute respiratory distress syndrome
7. Tom-Smith arthritis
8. MRI Scan

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination - Oct/Nov 2014

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

DIPLOMA IN ORTHOPAEDICS (D.ORTHO)

BASIC SCIENCES as applied to ORTHOPAEDICS

PAPER – I (Revised Scheme)

Q.P. CODE : 7191

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 calcium homeostasis. How will you diagnose and manage an osteoporotic fracture neck of femur in a 70 year old lady?
2. Describe the anatomy of the brachial plexus. What is Erb's palsy? How will you diagnose and manage this condition?

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

3. The Super Bug
4. Causes, presentation and management of wrist drop.
5. Gouty arthritis.
6. Role of anti-coagulation therapy in major Orthopaedic surgeries.
7. Medial meniscus of the knee.
8. Caseous necrosis.

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – Oct/Nov 2014

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

DIPLOMA IN ORTHOPAEDICS (D.ORTHO)

PAPER – II (Old Scheme)

Q.P. CODE: 7182

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. Scaphoid fracture – anatomy, classification, clinical features and management
2. Radial nerve – anatomy, classification and management of high radial nerve palsy

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

3. Jone's fracture
4. TFCC injury (Triangular Fibro Cartilage Complex)
5. Fracture capitullum
6. Rotator cuff injury
7. Nursing care in paraplegia
8. Tarsal tunnel syndrome

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Diploma Degree Examination – Oct/Nov 2014

Time: Three Hours **Max. Marks: 100 Marks**

DIPLOMA IN ORTHOPAEDICS

Orthopaedic Traumatology

PAPER – II (Revised Scheme)

Q.P. CODE: 7192

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. Define non-union. Discuss the aetiology, types, clinical features and management of non-union fracture neck femur in various age groups.
2. Enumerate the injuries that can occur with a fall on the outstretched hand. Describe the clinical features, diagnosis and management of supracondylar fracture humerus in a child.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Volkmann's ischaemic contracture
4. Neuropraxia
5. Stress fracture
6. Bennett's fracture
7. Mallet's finger
8. Tractions in orthopaedics

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – Oct/Nov 2014

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

DIPLOMA IN ORTHOPAEDICS (D.ORTHO)

PAPER – III (Old Scheme)

Q.P. CODE: 7183

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. Enumerate complications of total knee replacement and its management.
2. Tuberculosis of knee joint – clinical features, diagnosis and management

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

3. Painful arc syndrome
4. Lunate injuries
5. Pathological and radiological features of CTEV (club foot)
6. Bursae around knee joint
7. Osteotomy around hip joint
8. Indications and principles of Illizarov fixator

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Diploma Degree Examination – Oct/Nov 2014

Time: Three Hours **Max. Marks: 100 Marks**

DIPLOMA IN ORTHOPAEDICS

PAPER – III (Revised Scheme)

Q.P. CODE: 7193

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. Ethiopathogenesis, clinical features, staging, treatment and prognosis of Perthe's disease
2. Define habitual dislocation of patella and recurrent dislocation of patella. Write ethiopathogenesis, clinical features, radiological finding and surgical management of recurrent dislocation of patella.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Brown's tumour
4. Pseudo gout
5. Congenital vertical talus
6. Rheumatoid hand
7. Tom smith's arthritis
8. SLAP lesion

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