Rajiv Gandhi University of Health Sciences, Karnataka

M.S. Degree Examination - 02-Jan-2025

Time: 3 Hours **Max. Marks: 100**

ORTHOPAEDICS
PAPER I (RS-2/RS-3)
Q.P. CODE: 8261

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

Answer All The Questions **10 X 10 = 100 Marks**

1. Role of bone scan in orthopaedics
2. Pathological gait
3. Synovial fluid analysis
4. Vitamin D metabolism
5. Principals of locking compression plate
6. **Plaster of paris**
7. Haemophilic joint
8. Neurogenic bladder
9. **Bisphosphonate**
10. Indication and disadvantages of THR

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M.S. Degree Examination - 04-Jan-2025

Time: 3 Hours **Max. Marks: 100**

ORTHOPAEDICS - PAPER II
(RS-2/RS-3)
Q.P. CODE: 8262

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

Answer All The Questions **10 X 10 = 100 Marks**

1. Patella Fracture
2. Erb's Palsy
3. Tourniquet In Orthopaedics
4. Hangmans Fracture
5. Pelvic Fractures – Classification, Clinical Presentation and Management
6. Flail Chest
7. MIPPO – Minimally Invasive Percutaneous Plate Osteosynthesis
8. Tibia Plateau Fractures – Surgical Management
9. Bennett's Fracture
10. Galleazzi Fracture Dislocation

Rajiv Gandhi University of Health Sciences, Karnataka

M.S. Degree Examination – 06-Jan-2025

Time: Three Hours Max. Marks: 100 Marks

ORTHOPAEDICS - PAPER- III
(RS-2/RS-3)
Q. P. CODE: 8263

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

Answer All The Questions **10 x 10 = 100 Marks**

1. Define Multi Drug Resistant Tuberculosis. Discuss the clinical features, diagnosis and treatment of a case of MDR tuberculosis of spine.
2. Define Pigmented villonodular synovitis. Describe pathology, clinical features, diagnosis and its treatment.
3. Define Giant Cell Tumor of bone. Describe in brief clinical features, diagnosis and management principles of GCT of upper end of tibia.
4. Define Gout. Describe clinical features, diagnosis and treatment.
5. Describe Madelung deformity. Outline its classification, clinical feature and management.
6. Nuclear medicine and its applications in Orthopaedics.
7. Define Congenital muscular torticollis. List the differential diagnosis and outline the management.
8. Define Ochronotic Arthropathy. Describe its clinical features, diagnosis and management.
9. Define ulnar claw hand. Discuss the tendon transfer for ulnar claw hand following ulnar nerve injury at different levels.
10. Dupuytren disease and its characteristic features. Describe its pathogenesis, prognosis and management.

M.S. Degree Examination – 08-Jan-2025

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

ORTHOPAEDICS - PAPER IV
(RS-2/RS-3)
Q.P. CODE: 8264

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

Answer All The Questions **10 X 10 = 100 Marks**

1. Stem cell therapy in orthopaedics
2. Bone morphogenic proteins
3. Lumbar disc replacement
4. Cartilage culture and its clinical importance
5. Titanium alloy
6. Bone banking
7. Shoulder arthroscopy
8. Recent advances in treatment of sub-trochantric fracture
9. Floor – reaction arthrosis
10. Bio-degradable implants

Rajiv Gandhi University of Health Sciences, Karnataka

M.S. Degree Examination - 26-May-2025

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

ORTHOPAEDICS

PAPER I (RS-2/RS-3)

Q.P. CODE: 8261

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

Answer all the Questions **10 X 10 = 100 Marks**

1. Anatomy of shoulder joint
2. Arches of foot
3. Growth hormone
4. Wallerian degeneration
5. DMARDS
6. Post operative analgesia
7. Methicillin resistant staphylococcus aureus in orthopaedics
8. Pathology of osteosarcoma
9. Synovial chondromatosis
10. Ultrasono gram in orthopaedics

M.S. Degree Examination - 28-May-2025

Time: 3 Hours **Max. Marks: 100**

ORTHOPAEDICS - PAPER II

(RS-2/RS-3)

Q.P. CODE: 8262

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

Answer All The Questions **10 X 10 = 100 Marks**

1. Bone graft substitutes
2. Management of segmental fracture in both bones forearm with compartment syndrome
3. Discuss the management tibial plateau fractures
4. What is LISS? Discuss its role in stabilizing fracture distal femur
5. Tetanus: clinical signs and management
6. Fracture of pelvis: classification and its management
7. Biological osteosynthesis
8. Discuss carpal instability, clinical features and radiological assessment
9. Classify elbow joint injuries and management of lateral condyle fracture
10. Tourniquet palsy

Rajiv Gandhi University of Health Sciences, Karnataka

M.S. Degree Examination – 30-May-2025

Time: Three Hours Max. Marks: 100

ORTHOPAEDICS - PAPER- III
(RS-2/RS-3)
Q. P. CODE: 8263

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

Answer all the Questions **10 x 10 = 100 Marks**

1. Arthrogryposis multiplex congenita
2. Surgical management of developmental dysplasia of hip
3. Discuss osteomalacia
4. Tuberculosis of knee joint
5. Sub acute osteomyelitis
6. Ewings sarcoma
7. Osteochondroma
8. Management of ankylosing spondylitis
9. Cauda equina syndrome
10. Cock up splint

M.S. Degree Examination – 02-Jun-2025

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

ORTHOPAEDICS - PAPER IV
(RS-2/RS-3)
Q.P. CODE: 8264

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

Answer All The Questions **10 X 10 = 100 Marks**

1. Anatomical locking plate
2. Elbow arthroscopy
3. Double bundle PCL reconstruction
4. Management of peri prosthetic fracture of hip
5. Management of infected total knee replacement
6. Current trends in the management of idiopathic scoliosis
7. How will you establish a tertiary trauma Center
8. Bionic arm
9. 3D printing in orthopaedics
10. Recent advances in the management of osteoporosis

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Rajiv Gandhi University of Health Sciences, Karnataka

M.S. Degree Examination - 24/Sep/2025

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

ORTHOPAEDICS

PAPER I (RS-2/RS-3)

Q.P. CODE: 8261

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

Answer all the Questions **10 X 10 = 100 Marks**

1. Fluorosis
2. Metallurgy In Orthopaedics
3. Anatomy Of Epiphyseal Growth Plate And its Pathological Manifestations
4. Compartment Syndrome
5. Calcitonin
6. Thomas Splint
7. Bone Cement
8. Principles of Tendon Transfers
9. Acute Haematogenous Osteomyelitis
10. Tension Band Wire Principle

M.S. Degree Examination - 26/Sep/2025

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

ORTHOPAEDICS
PAPER II (RS-2/RS-3)
Q.P. CODE: 8262

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

Answer all the Questions **10 X 10 = 100 Marks**

1. Fracture neck femur in children.
2. Burst Fracture L_1 Vertibra.
3. Management of small long bone fractures in hand.
4. Non-union of scaphoid bone.
5. Snapping hip syndrome.
6. Achilles tendon ruptures.
7. Talus fractures.
8. Recurrent shoulder joint dislocation.
9. Locking Compression Plate.
10. Stress Fracture.

Rajiv Gandhi University of Health Sciences, Karnataka

M.S. Degree Examination – 29/Sep/2025

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

ORTHOPAEDICS - PAPER- III
Q. P. CODE: 8263

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

Answer all the Questions **10 x 10 = 100 Marks**

1. Management of neglected club foot
2. Osteogenesis imperfecta
3. Gaucher's disease
4. Caries sicca
5. Neuropathic foot
6. Management of scoliosis
7. Classify spondylolisthesis and their management
8. Management of rheumatoid knee
9. Management of infected non union
10. SACH foot (SOLID ANKLE CUSHION HEEL FOOT)

M.S. Degree Examination – 03/Oct/2025

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

ORTHOPAEDICS - PAPER IV
Q.P. CODE: 8264

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

Answer All The Questions **10 X 10 = 100 Marks**

1. Autologous Chondrocyte Implantation
2. Total Elbow Replacement
3. Teriparatide
4. Masquelet Technique
5. Laminar Flow in OT
6. Wrist Scopy. Arthroscopic Carpal Tunnel Release
7. Safety Measures In Scoliosis Surgery
8. Robotic Total Knee Replacement
9. Rehabilitation In Paraplegia Patients
10. Recent Advances In Deep Vein Thrombosis Prophylaxis