Rajiv Gandhi University of Health Sciences, Karnataka

M.S. Degree Examination - 21-Jun-2024

[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. Gas gangrene
2. Vitamin D metabolism
3. Blood supply of Talus and its clinical implications
4. Pathogenesis of Acute Haematogenous osteomyelitis in children between 2 and 8 years
5. PTB prosthesis
6. Bohler Braun splint
7. Neurogenic bladder
8. Tourniquet palsy
9. Bursae around the Knee joint
10. Vitamin-D in Orthopaedic practice

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M.S. Degree Examination - 24-Jun-2024

[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. Classify distal radius fractures. Describe radiological indices of wrist. Discuss the treatment principles of extra-articular distal radius fractures.
2. Classify proximal tibial fractures. Outline the management of Schatzker Type IV, V and VI.
3. Define nonunion. Describe the classification and broad principles of management of diaphyseal nonunion.
4. Define Tension Band principle. Describe the use of Tension Band principle in fracture surgery.
5. What is Mangled Extremity Severity Score (MESS)? Describe principles of flap coverage in proximal one third of tibia.
6. Classify fractures of the Acetabulum. Discuss radiographic evaluation of acetabular trauma.
7. Blood supply of head of femur and its clinical significance.
8. Classify Ankle injuries. Which fracture patterns have syndesmotic instability and how do you manage it?
9. Discuss the indications pros and cons of Reamed Vs Unreamed intramedullary nailing.
10. Describe in detail the process of Fracture healing and define the factors influencing it.

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M.S. Degree Examination – 26-Jun-2024

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. Discuss clinical features and management of Perthe's disease
2. Discuss clinical features and management of Idiopathic Congenital Talipes Equinovarus
3. Bearing surfaces in T.H.R
4. Discuss clinical features and management of Idiopathic Scoliosis
5. Discuss clinical features and management of Pigmented Villonodular Synovitis
6. Classify Periprosthetic fractures around Knee and its management
7. Foot drop
8. Tuberculosis of Hip Joint
9. Osgood Schlatter's disease
10. Talar dome lesions

M.S. Degree Examination – 28-Jun-2024

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

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. Computer Navigated Knee-Merits and Demerits.
2. Recent advances in Anterior Cruciate Ligament Reconstruction
3. What is Tibia Vara? Classify and discuss briefly about its management.
4. Anterior interosseous nerve syndrome. Enumerate its etiology, clinical features, diagnostic tests and treatment protocol.
5. Vacuum assisted closure of wounds.
6. What is Kanavel sign? Management of suppurative flexor tenosynovitis of hand.
7. Define Femoral anteversion? How do you detect it clinically? Discuss its role in orthopaedic diagnosis and management.
8. Differentiating features between osteonecrosis and transient migratory osteoporosis.
9. Lambrinudi arthrodesis indications and procedure.
10. Principles of reverse shoulder Arthroplasty. Briefly mention the steps of procedure.