

Q.P CODE : 4301

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Degree Examination – April / May 2011

Time : 3 Hrs.

[Max. Marks : 100]

M.S. ORTHOPAEDICS

PAPER - I

*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 Bracheal plexus and how do you manage a case of Brachial plexus injury?
2. Describe the synovial fluid analysis in relation to various knee disorders?

SHORT ESSAY

6X 10 = 60 Marks

3. Bone cement
4. Bence-Jones protein
5. Dynamic hip screw
6. Sprengel's shoulder
7. Carpal tunnel syndrome
8. Principles and procedures of bucks traction

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Q.P CODE : 4302

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[Max. Marks : 100]

M.S. ORTHOPEDICS

PAPER - II

*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 extra capsular fracture neck of femur. Describe the etiology, clinical features and management of sub trochanteric fracture?
2. Describe resuscitation and management of compound fracture?

SHORT ESSAY

6X 10 = 60 Marks

3. Functional cast bracing
4. Recurrent dislocation of patella
5. Indications of open reduction and methods of internal fixation
6. Myositis ossificans traumatica
7. Avascular neck of head of the femur
8. Jefferssen's fracture

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PAPER - III

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LONG ESSAY

2 X 20 = 40 Marks

1. Outline the evolution of treatment of tuberculosis of spine over last four decades with specific reference to: antitubercular chemotherapy, Surgical options and its role in the management.
2. Describe the orthopaedic manifestations of rheumatoid arthritis. Discuss the recent advances in the management of rheumatoid arthritis with respect to diagnosis, medical and surgical treatment.

SHORT ESSAY

6X 10 = 60 Marks

3. De Quervain's disease
4. Plaster technique in congenital talipes equino varus
5. Synovial fluid analysis
6. Radiological features of osteosarcoma and giant cell tumor
7. Discuss the clinical features and management of L5-S1 spondylolisthesis
8. Tendo Achilles rupture

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PAPER - IV

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LONG ESSAY

2 X 20 = 40 Marks

1. Unilateral club foot-recurrent-age 9 years. How you manage.
2. Acute cut injury above the wrist. How do you go about in management.

SHORT ESSAY

6X 10 = 60 Marks

3. Distraction osteogenesis
4. Stem cells in orthopaedic surgery
5. Para thyroid hormone
6. Biologics in psoriasis
7. Free tissue transfers
8. Modic changes in spine MRI

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