

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Degree Examination – November - 2014

Time : 3 Hrs.

[Max. Marks : 100]

M.S ORTHOPAEDICS

PAPER - I

Q.P Code : 4301

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 20 = 40 Marks

1. Describe the Muscular and capsule-ligamentous anatomy of shoulder.
Describe the pathophysiology of rotator cuff tears.
2. Describe fracture healing and its stages. How it differs in cortical and cancellous bones. Discuss in detail about local and systemic factors influencing the fracture healing.

SHORT ESSAY

6 X 10 = 60 Marks

3. Pain management in orthopaedics.
4. Rehabilitation after ACL reconstruction.
5. Plaster of paris.
6. Joint lubrication.
7. Measures to prevent blood loss during surgery.
8. Axillary crutch.

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M.S ORTHOPAEDICS

PAPER - II

Q.P Code : 4302

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

2 X 20 = 40 Marks

1. Classify fractures of upper end of humerus. Discuss various treatment modalities of four part fracture of proximal humerus.
2. Describe mechanism of injury, diagnosis complications and management of fracture dislocation of ankle.

SHORT ESSAY

6 X 10 = 60 Marks

3. Bennett's fracture dislocation.
4. Fracture of patella.
5. Hangman's fracture.
6. VIC.(VOLKMANN'S ISCHAEMIC CONTRACTURE)
7. Chronic ACL tear and its management.
8. Myositis Ossificans.

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M.S ORTHOPAEDICS

PAPER - III

Q.P Code : 4303

Your answers should be specific to the questions asked.

Draw neat label

ed diagrams wherever necessary.

LONG ESSAY

2 X 20 = 40 Marks

1. Describe diagnosis, pathology and management of tuberculosis of HIP in a 8 years old patient.
2. Describe the clinical features, diagnosis and management of lumbar canal stenosis in a patient of 65 years age.

SHORT ESSAY

6 X 10 = 60 Marks

3. DE Quervain's disease.
4. Thoracic outlet syndrome.
5. Anatomy of rotator cuff and describe management of rotator cuff tear.
6. Osgood-Schlatter disease.
7. Describe causes of heel pain, and describe management of common heel problems.
8. Hallux valgus.

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M.S ORTHOPAEDICS

PAPER - IV

Q.P Code : 4304

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 20 = 40 Marks

1. Discuss osteoarthritis of knee in 60 years old patient, clinical features and management.
2. Secondaries of the bone, investigative modalities in detecting skeletal metastasis and management.

SHORT ESSAY

6 X 10 = 60 Marks

3. Biological fixation.
4. Neo-adjuvant chemotherapy.
5. Laser therapy.
6. PONSSETTI's technique in CTEV.
7. Stem cells in orthopaedics.
8. Pylon.

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