

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)

Post Graduate Degree Examination - May 2018

Time : 3 Hrs

Max Marks : 100

M.S ORTHOPAEDICS

Paper - I

Paper Code : RS-4301

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100

1. Describe the anatomy of Brachial plexus. Write Seddon's classification. What is 'Tinel's sign' and its clinical significance. [3+3+4]
2. Describe the arches of the Foot ? Describe the causes and management of Pes planus. [5+2+3]
3. Draw a neat labelled diagram of Intervertebral disc. Discuss the physiological changes in degenerative disc disease. What are the principles in conservative management of Prolapsed InterVertebral Disc? [3+3+4]
4. Classify nerve injuries. Discuss about Wallerian degeneration .[5+5]
5. What is Cerebral Palsy? Discuss it's etiology and classification Describe the role of Baclofen in Cerebral Palsy. [2+2+2+4]
6. What is Milwaukee Shoulder Syndrome, its clinical signs & symptoms, its differential diagnosis & management? [2+2+3+3]
7. Define gait? Describe the phases of Gait cycle. Discuss the various walking aids used in a patient with Hip pain. [2+4+4]
8. Describe the complications of Disc excision. Discuss Lumbar root anomalies. [5+5]
9. What is Triage? Define Polytrauma? How do you manage a Polytrauma patient. [2+2+6]
10. Describe the principles of Olecranon Locking Compression Plating. Mention it's indications, contra indications and complications. [4+2+2+2]

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Paper - II

Paper Code : RS-4302

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LONG ESSAY

10 X 10 = 100

1. Describe the etiology, classification and management of Congenital Radioulnar Synostosis. [2+3+5]
2. Describe etio-pathogenesis, clinical features, investigations and treatment of Nutritional Rickets.
[2+2+3+3]
3. Describe the etio-pathogenesis, clinical features, differential diagnoses and management of Rickets.
[2+2+2+4]
4. Discuss the classification of infected Non-union. Describe the principles of management in a case of infected Non-union of a long bone. [5+5]
5. Discuss the radiographic classification, medical management and surgical management of primary Osteoarthritis of Knee joint. [3+3+4]
6. Briefly describe the etiology, clinical features, investigations, histopathology and treatment of desmoplastic fibroma. [2 marks each]
7. Write a short note on Boyd amputation. Describe the indications and complications. What is the prosthesis suitable for Boyd amputation? [5+2+2+1]
8. Describe a) Open chain exercise b) Closed chain exercise [5+5]
9. What is Klumpke's palsy? What are the clinical features? How do you diagnose and manage a case of Klumpke's palsy? [2+2+3+3]
10. Write a short note on indications, contraindications, technique and complication of halo-gravity traction. [2+2+3+3]

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Paper - III

Paper Code : RS-4303

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LONG ESSAY

10 X 10 = 100

1. Describe the management of Anatomical and Surgical neck fractures of Proximal Humerus. Mention SIX complications. [3.5+3.5+3]
2. Classify fracture Olecranon. Describe its clinical features and management ? [5+5]
3. Describe the pathological anatomy, clinical features and management of trans-Scaphoid Perilunate dislocation. [2+3+5]
4. Classify Acetabular fractures? Describe various radiological views and their importance in management of Acetabular fractures? (4+6)
5. Classify Fracture Neck of Femur by Pauwel's? Mention the importance of it? What is Whitman technique of reduction of Fracture Neck? (3+3+4)
6. What are the different surgical approaches to Knee? Describe Subvastus approach. [4+6]
7. Describe the etiology, clinical features and management(non surgical and surgical) of Malunited Calcaneal fracture? (2+2+6)
8. Discuss the 'ASIA SCORE'. Classify Bladder paralysis in spinal cord injury with salient features. [5+5]
9. Classify Lateral Condylar fracture in paediatric Elbow. Discuss the clinical features and mention its FOUR important complications. [4+3+3]
10. Mention FOUR etiology factors of Slipped Capital Femoral Epiphysis. Describe the clinical features and management of acute slipped capital femoral epiphysis. [2+4+4]

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Paper - IV

Paper Code : RS-4304

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LONG ESSAY

10 X 10 = 100

1. Classify SLAP lesions. Discuss recent advances in management of SLAP lesions.(5+5)
2. Describe the role of Ultrasonography in musculoskeletal disorders therapeutic and diagnosis. (5+5)
3. Describe primaries causing skeletal metastasis. Mention the different types of skeletal metastasis.
Discuss the Current concepts in the management of skeletal metastasis. (3+2+5)
4. What are the indications of spinal osteotomy in Ankylosing Spondylitis? Describe the various techniques.(4+6)
5. What are the Indications and Contraindications of Elbow Arthroscopy? Discuss its role in a) Arthrofibrosis b) Intraarticular fracture care.(3+3+2+2)
6. What is Trigger finger? Discuss it's clinical features and management? (3+2+5)
7. What is painful heel- etiology, clinical features, radiographic findings and treatment? (2+2+2+2+2)
8. Discuss indication, contraindication and complications of Total Anklereplacement. (3+3+4)
9. What is Pain after Total Knee arthroplasty, Enumerate the causes. Discuss in brief regarding management of pain after Total Knee arthroplasty. (2+3+5)
10. What is Total Reverse Shoulder Replacement? Discuss indication, contraindication, preoperative planning and complications. (2+2+2+2+2)