

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH

POSTGRADUATE EXAMINATION MAY 2022

Summative Assessment

Time : 180 Minutes

MaxMarks : 100 Marks

Date : 09-05-2022

ORTHOPAEDICS – PAPER – I QP CODE:- P3181

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

1. Describe the anatomy of Triangular Fibro Cartilage Complex [TFCC]. Classify TFCC injuries and write in detail about its management [4+3+3]
2. Describe the nerve supply of Foot. What is Morton's metatarsalgia? How will you diagnose and manage the condition? [4+2+2+2]
3. Describe the pathophysiology, clinical features and management of Acute Pyogenic Osteomyelitis. [3+3+4]
4. Describe the pathophysiology of Osteosarcoma and the chemotherapy regimen used in Osteosarcoma. What is the role of Neo adjuvant chemotherapy in bone tumours? [3+4+3]
5. Describe the clinical features and management of pink pulseless hand in paediatric supra condylar fracture of humerus [5+5]
6. What is Cast syndrome? Enumerate its clinical symptoms and discuss its management. [3+3+4]
7. What is Bone scan? What are the types of Bone scan? Discuss indications, contraindications and complications of Bone scan. [2+2+2+2+2]
8. Describe "K line" in cervical spine? Discuss its clinical significance? [5+5]
9. Discuss the etiopathogenesis of Renal osteodystrophy. How will you diagnose and manage it? [4+6]
10. Describe the clinical features and management of Cervical Disc Prolapse at the level of C4-C5. [5+5]



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Time : 180 Minutes

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Date : 02-05-2022

ORTHOPAEDICS – PAPER – II QP CODE:- P3182

*Your answer should be specific to the question asked
Draw neat labeled diagrams wherever necessary*

1. What are the different surgical approaches for Acetabulum fractures?
Describe KocherLangenback Ilioinguinal approach.? [4+6]
2. Describe the blood supply of proximal humerus? Discuss the Hertel's criteria and its significance in management of proximal humerus fracture[3+4+3]
3. Classify Thoraco-Lumbar spine injuries. Describe the clinical features and management of L1 Burst fracture.[4+3+3]
4. Differentiate Intracapsular neck of Femur fracture in children and adults with respect to the patho anatomy and management. [5+5]
5. Describe Denis Weber classification. Describe the clinical features, diagnosis and management of Syndesmotic injury of ankle. [3+2+2+3]
6. Describe the clinical features and management of Terrible triad injuries in an adult elbow? [5+5]
7. Describe the clinical features and management of post traumatic posterior interosseous nerve palsy (PIN palsy) (5+5)
8. Classify Lisfranc's injury? Discuss the management and complications of Lisfranc's injuries? [4+3+3]
9. Describe the stages of Fracture healing? Discuss FIVE important factors which influence the Fracture healing? (5+5).
10. Classify fractures around the Elbow in a six-year-old child. Discuss Myositis Ossificans: clinical diagnosis and management. [4+2+4]



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ORTHOPAEDICS – PAPER – III QP CODE:- P3183

Time : 180 Minutes

MaxMarks : 100 Marks

Date : 13-05-2022

*Your answer should be specific to the question asked
Draw neat labeled diagrams wherever necessary*

1. Describe etiopathogenesis, clinical features, investigations and treatment of Osteomalacia.
[2+2+3+3]
2. What is Blount disease? Describe its etio-pathogenesis, clinical features, differential diagnoses and management. [1+2+2+2+3]
3. Describe in brief about HIV infection, its diagnosis, musculoskeletal manifestations & guidelines to prevent its spread during surgery. [2+2+3+3]
4. Discuss the radiographic classification, medical management and surgical management of primary Osteoarthritis of Knee joint. [3+3+4]
5. Briefly describe the etiology, clinical features, investigations, histopathology and treatment of osteogenic sarcoma. [2+2+2+2+2]
6. What is physiotherapy? Describe various physiotherapy modalities used in chronic low backache.
[2+8]
7. What is Tourniquet palsy? Describe its etiopathology? What are the precautions to prevent and How do you manage a case of Tourniquet palsy? [3+4+4]
8. Describe costotransversectomy. Mention its advantages and disadvantages. [6+2+2]
9. Describe Ponseti casting technique for correction of CTEV. Discuss the advantage of this technique over Kite's method. [6+4]
10. What is Fore quarter amputation? Mention its indications and disadvantages. [4+3+3]



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POSTGRADUATE EXAMINATION MAY 2022
ORTHOPAEDICS – PAPER – IV QP CODE:- P3184

Time : 180 Minutes

Max Marks : 100

Date : 16-05-2022

*Your answer should be specific to the question asked
Draw neat labeled diagrams wherever necessary*

1. Classify subtrochanteric fractures? Discuss the causes of non union of subtrochanteric fractures and its management? (6 + 4)
2. Enumerate the treatment options of articular cartilage lesions. How do you manage a patient with articular cartilage lesion of 2.5cms? (5+5)
3. Define DeQuervain's disease? Discuss the clinical features and management. (3+2+5)
4. Discuss applied biomechanics of Elbow joint. Describe the indications and contraindications of Total Elbow replacement? (5+5)
5. Describe The Management Of End Stage Ankle Arthritis (ESAA) ?
6. Discuss the role of magnetically controlled growing rods in paediatric scoliosis
7. Describe the role of Therapeutic and Diagnostic Ultrasonography in musculoskeletal disorders(5+5)
8. Describe the etiology, clinical features and management of post operative pain full total knee replacement? (2+3+5)
9. What is charcot arthropathy. Discuss its pathophysiology, clinical features, classification and treatment. (1+2+2+2+3)
10. Discuss the management of trauma patient with COVID- 19 like symptoms?

