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MS Orthopedics Surgery
Examination Supple, Nov 2016

Paper First
BASIC SCIENCES

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions. Draw well labeled diagrams wherever necessary.

1. Write an essay on Bone Banking. [25]
2. Discuss the various factors affecting calcium metabolism. Describe the clinical manifestations & management of renal causes of rickets & osteomalacia. [25]
3. Write short notes on- [10x5]
 - a. Boyd's classification of congenital pseudoarthrosis of tibia.
 - b. Pirani scoring system of CTEV.
 - c. Congenital vertical talus.
 - d. Acetabular Impingement
 - e. Phemister bone grafting

Roll No.

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MS Orthopedics Surgery Examination Supple Nov 2016

Paper Second

Principles & Practice of Orthopedics –excluding trauma

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions.

1. Discuss clinical features, pathology, radiological features & management of pott's spine. [20]
2. Discuss the pathology , clinical features, radiological features & management of avascular necrosis of hip. [20]
3. Write short notes on: [10x3]
 - a. Skin traction
 - b. Clinical tests for CDH
 - c. Ewing's Sarcoma
4. Write short notes on— [10x3]
 - a. Tardy ulnar nerve palsy
 - b. Myositis Ossificans
 - c. Bone graft Substitutes

M.S.
Printed page (s): 1

Paper Code: MS-116

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MD Orthopedics Surgery
EXAMINATION supple, Nov 2016

Paper Fourth

General surgical principals and allied specialties-, related to orthopedic aspects, of general surgery, oncology, Medicine, Radiology,,Pathology & plastic surgery

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions.

1. Enumerate the abdominal & pelvic injuries in a polytrauma patient. How will you manage a case of intrapelvic bleeding due to pelvic trauma. [25]
2. Write in tabular form the findings of synovial fluid examinations in various traumatic & non traumatic orthopedic disorder. [25]
- 3 Write in brief about: [10x5]
 - a. MRI finding in tuberculosis spine
 - b. Biopsy in bone tumour
 - c. Composite flaps
 - d. Radioisotopic scanning in osteoarticular infection
 - e. Septic shock

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**MS Orthopedics Surgery
EXAMINATION, June 2016**

Paper First
BASIC SCIENCES

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions. Draw well labeled diagrams wherever necessary.

1. Describe the stages of fracture healing in long bone fractures. Discuss causes & types of nonunion in long bones fractures & describe briefly the principles of its management. [25]
2. Describe pathological anatomy & radiology in a patient with developmental dysplasia of hip. Discuss the principles of management in a 5 years old child with unilateral untreated CDH. [25]
3. Write short notes on- [10x5]
 - a. Clinical manifestation of hyperparathyroidism.
 - b. Cortisone arthropathy
 - c. Boundary lubrication
 - d. Ponseti method for correcting club foot deformity
 - e. Osteogenesis imperfecta

Printed page (s): 1

Paper Code: MS-114

Roll No.

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MS Orthopedics Surgery Examination, June 2016

Paper Second

Principles & Practice of Orthopedics –excluding trauma

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions.

1. Discuss the clinical presentation, radiological features & management of Perthes disease. [20]
2. Discuss clinical features , MRI findings & management of ACL tear in a young athlete. [20]
3. Write short notes on: [10x3]
 - a. LCP
 - b. Claw hand
 - c. Ultrasound in Orthopedics
4. Write short notes on— [10x3]
 - a. Chronic TA rupture
 - b. Platelet rich plasma
 - c. Pivot shift test

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**MS Orthopedics Surgery
EXAMINATION, June 2016**

Paper Third
(Trauma and Recent advances)

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions.

1. Classify tibial plateau & discuss their management. [20]
2. Classify distal end radius fractures. Discuss the principles of their management. [20]
3. Write short notes on- [10x3]
 - a. Dinner Fork deformity
 - b. Damage control orthopedics.
 - c. Role of nutri supplements in osteoarthritis
4. Describe in brief- [10x3]
 - a. Disc replacement
 - b. Lateral condyle humerus fractures
 - c. Treatment of nonunion scaphoid

Roll No.

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**MD Orthopedics Surgery
EXAMINATION, June 2016**

Paper Fourth

General surgical principals and allied specialties-, related to orthopedic aspects, of general surgery, oncology, Medicine, Radiology,,Pathology & plastic surgery

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions.

1. Outline the causes of secondaries in bone, their diagnosis & management. [25]
2. Enumerate the complications of traumatic paraplegia. Write the clinical features & management of a neurogenic bladder. [25]
3. Write in brief about: [10x5]
 - a. Management of anaemia in a traumatised patient
 - b. Non surgical treatment of Osteoarthritis
 - c. Radiographic evaluation of fracture proximal humerus
 - d. Various types of surgical knots
 - e. Deep vein thrombosis
