

(LD 213)

OCTOBER 2013

Sub. Code: 2239

**M.S. DEGREE EXAMINATION  
BRANCH II – ORTHOPAEDIC SURGERY**

**SUBSPECIALITIES IN ORTHOPAEDICS AND TRAUMATOLOGY  
(INCLUDES PAEDIATRIC ORTHOPAEDICS, HAND SURGERY,  
SPINE SURGERY, ARTHROPLASTY, ARTHROSCOPY, SPORTS  
MEDICINE AND ORTHOPAEDIC ONCOLOGY)**

*Q.P. Code : 222239*

**Time: Three Hours**

**Maximum: 100 marks**

**I. Elaborate on:**

**(2X15=30)**

1. Define and classify scoliosis. Discuss the pathological changes, physical examination and radiological examination of structural scoliosis. How will you treat a case of adolescent idiopathic dorsolumbar scoliosis in a 13 year old girl?
2. Classify Physeal fractures. Discuss the biomechanics, diagnosis and management of Monteggia fracture dislocation in a 10 year old boy.

**II. Write notes on:**

**(10X7=70)**

1. Arthrogryposis multiplex congenita.
2. Boutonniere deformity.
3. Surgical options in osteoporotic spine.
4. Management of avulsion of tibial tuberosity in total knee replacement.
5. Hip replacement for developmental dysplasia of hip.
6. Arthroscopic procedures used in osteoarthritis knee.
7. Athletic injuries in elbow.
8. Eosiniphilic granuloma.
9. Osteoidosteoma and osteoblastoma.
10. Immuno oncology.

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