

[LM 213]

MAY 2018

Sub. Code: 2239

M.S. DEGREE EXAMINATION

BRANCH II – ORTHOPAEDIC SURGERY

PAPER IV – 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:

(2 x 15 = 30)

1. Role of minimum invasive techniques in orthopaedics and portals of knee arthroscopy and the role of arthroscopy in the management of intra articular fractures.
2. Biomechanics of total hip arthroplasty. Common surgical factors affecting the early outcome of total hip arthroplasty. Recent advances in the field of total hip arthroplasty and post operative total hip arthroplasty rehabilitation.

II. Write notes on:

(10 x 7 = 70)

1. Reverse shoulder arthroplasty.
2. Sach foot and Jaipur foot.
3. Brown's Tumour.
4. Autologous chondrocyte implantation.
5. Bone cement.
6. PET Scan in Orthopaedic practice.
7. Laser therapy.
8. Suture anchor.
9. Myoelectric prosthesis.
10. Bone morphogenetic protein.
