

**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. Evaluate Instability of lumbar spine. How should a lumbosacral instability be investigated and managed?
2. Anterior shoulder joint instability. Clinical evaluation, investigations and arthroscopic management.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Limb salvage in orthopaedic oncology.
2. Vertebroplasty.
3. Ankle arthroplasty.
4. Safe dislocation of hip.
5. Far lateral disc herniation.
6. Scheller mann's Disease.
7. SACH Foot.
8. Ultrasonic therapy.
9. Management of chronic Achilles tendon rupture.
10. Unicondylar knee replacement.

\*\*\*\*\*