

**THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY**

**[MS 0522]**

**MAY 2022**

**Sub. Code: 2238**

**M.S. DEGREE EXAMINATION**

**BRANCH II – ORTHOPAEDIC SURGERY**

**PAPER III – ORTHOPAEDICS INCLUDING RECENT ADVANCES**

*Q.P. Code: 222238*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss the etiopathology, clinical features and management of recurrent anterior Dislocation of shoulder.
2. Discuss the clinical features, pathology, radiological features and management of Giant cell tumour in proximal tibia in a 40 years female.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Stages of tubercular arthritis of Hip and its clinical features.
2. Diagnosis and treatment of Osteoporosis.
3. Thoracic outlet syndrome.
4. Distraction Osteogenesis.
5. Gait cycle.
6. Automatic bladder vs Neurogenic bladder.
7. Hand deformities in rheumatoid arthritis.
8. Tribology.
9. Gene therapy in orthopaedics.
10. Robotic surgery in Orthopaedics.

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