

[LQ 1561]

AUGUST 2020  
(MAY 2020 SESSION)

Sub. Code: 3103

**DIPLOMA IN ORTHOPAEDICS (D.ORTHO.) EXAMINATION**

**APPLIED BASIC SCIENCES IN ORTHOPAEDICS AND  
GENERAL PRINCIPLES OF SURGERY**

*Q.P. Code: 353103*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe about pathophysiology, types, clinical manifestations and management of osteoporosis. Write about fixation of osteoporotic fractures.
2. Describe blood supply of talus. Discuss about fracture neck of talus classifications, clinical features, complications and its management.

**II. Write notes on:**

**(10 x 7 = 70)**

1. MR arthrography
2. Synthetic parathyroid hormone
3. Oral anticoagulants
4. Charcot's arthropathy
5. Peripheral nerve repair
6. Damage control orthopaedics
7. Snapping hip
8. Hallux valgus
9. Erb's palsy
10. Rheumatoid hand

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