

(LO 1561)

MAY 2019

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 gait cycle. Discuss the effects of various disorders of Hip joint on gait cycle.
2. Describe the blood supply of head and neck of femur. Discuss the management of fracture neck of femur with non-union.

II. Write notes on:

(10 x 7 = 70)

1. PET CT in orthopaedics.
2. Heterotopic ossification.
3. Symes Prosthesis.
4. Volkman's ischemic contracture.
5. Anti-tubercular drugs.
6. Bone bank.
7. Tardy ulnar nerve palsy.
8. Synovial fluid analysis.
9. Baker's cyst.
10. Madura foot.
