

(LO 1555)

MAY 2019

Sub. Code: 3068

**DIPLOMA IN PHYSICAL MEDICINE AND REHABILITATION  
(D.PHYS.MED.) EXAMINATION**

**APPLIED BASIC SCIENCES IN RELATION TO PHYSICAL  
MEDICINE AND REHABILITATION**

*Q.P. Code: 343068*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss the normal gait and mention common gait deviations.
2. Discuss the blood supply of brain.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Rotator cuff.
2. Wallerian degeneration.
3. Phases of swallowing.
4. Botulinum toxin.
5. Fibrillation potential.
6. Osteomalacia.
7. Broca's aphasia.
8. Drugs used in spasticity.
9. Metabolic effects of Insulin.
10. Ataxia.

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