

(LK 1555)

MAY 2017

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 nerve supply of urinary bladder and pathophysiology of neuropathic bladder following spinal cord injury.
2. Classify joints and describe a typical synovial joint.

II. Write notes on:

(10 x 7 = 70)

1. Saturday night palsy.
2. Lymphedema.
3. Anticonvulsant.
4. Screw home movement of knee joint.
5. CPK (Creatinine phosphokinase).
6. Action potential.
7. Types of muscle fibres.
8. Calcitonin in osteoporosis.
9. Anaerobic exercises.
10. Bronchopulmonary segments.
