

**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 CSF formation and its flow. Mention the possible effects of hydrocephalus.
2. Describe the structure of muscle fibres and mention the sources of energy for muscle contraction.

II. Write notes on:

(10 x 7 = 70)

1. Cystometrogram.
2. Isometric muscle contraction.
3. Neuromuscular junction.
4. Trendelenberg gait.
5. Methotrexate.
6. Methicillin Resistant Staphylococcus Aureus.
7. Erb's palsy.
8. Autonomic neuropathy.
9. Different scales of evaluation of disability.
10. Cervical rib.
