

**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. Metabolic dysregulation associated with diabetes mellitus. Discuss on management and rehabilitation of lower extremity complications of diabetes mellitus.
2. Functioning components of respiratory system. Discuss on volume and flow related mechanical and functional properties.

II. Write notes on:

(10 x 7 = 70)

1. Cardiac muscle.
2. Detrusor muscle.
3. Radial nerve in relation to spiral groove.
4. Conus medullaris.
5. Bursitis.
6. Etiopathogenesis of Ankylosing spondylitis.
7. Spasticity and rigidity.
8. Pulmonary embolism.
9. Vastus Medialis Obliquus.
10. Split thickness skin graft.
