

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

**PHYSICAL MEDICINE AND REHABILITATION OF NEUROLOGICAL  
AND CARDIO THORACIC DISORDERS**

*Q.P. Code: 343069*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe the pathophysiology and management of spasticity.
2. Discuss the Cardio-respiratory effects of physical exercises and the precautions for exercises in diabetic patients.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Diaphragmatic breathing.
2. Dynamic posturography.
3. Environmental control devices.
4. Bronchopulmonary segments.
5. Motor neuron disease.
6. Klumpke's paralysis.
7. Polyneuropathy.
8. Role of CT scan in Cerebrovascular accident.
9. Pulmonary embolism.
10. Fertility following spinal cord injury.

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