

**M.D. DEGREE EXAMINATION**

**BRANCH XIX – PHYSICAL MEDICINE AND REHABILITATION**

**PAPER III – PHYSICAL MEDICINE AND REHABILITATION - II  
(CARDIAC AND PULMONARY REHABILITATION, GERIATRICS, O & G)**

*Q.P. Code: 202073*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss the etiopathology of Parkinsonism. Describe the clinical presentation, medical management and rehabilitation approach to a 60 year old patient with Parkinson's disease?
2. List the changes in the body with ageing. Describe the rehabilitation of a 80 year old lady with left hemiparesis and left hemiarthroplasty for hip fracture. Describe the strategies to prevent falls in elderly.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Complications of neurogenic bladder.
2. Back pain in pregnancy.
3. Lumbar canal stenosis.
4. Use of Dual energy X-ray Absorptiometry to evaluate bone mineral density.
5. Alzheimer's disease.
6. Adaptations with aerobic training.
7. Indications for terminating exercise stress testing.
8. Mechanical ventilation.
9. Evaluation of bladder disturbances in elderly.
10. Diagnostic evaluation of chronic venous insufficiency.

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