

**M.D. DEGREE EXAMINATION**

**BRANCH XIX – PHYSICAL MEDICINE AND REHABILITATION**

**PAPER IV – PHYSICAL MEDICINE AND REHABILITATION – III  
(RECENT ADVANCES IN REHABILITATION AND COMMUNITY  
BASED REHABILITATION)**

*Q.P.Code: 202074*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss the recent advances in upper limb prosthetic Rehabilitation.
2. Discuss the advances in the management of neuropathic bladder.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Vertebro plasty.
2. Magnetic Resonance Spectroscopy.
3. Cognitive Behaviour therapy.
4. Participation restriction.
5. Robotics in Rehabilitation.
6. Surgery for tetraplegic hand.
7. Biomarkers for osteoporosis.
8. Weight relieving orthosis.
9. Environment control devices.
10. Energy storing prosthetic feet.

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