

**QP Code:104113**

**Reg.No.:.....**

**PG Degree Examinations in Physical Medicine & Rehabilitation (MD) -  
May 2017**

**Paper IV - Recent Advances**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions*
- *Draw diagrams wherever necessary*

**Essays:**

**(20)**

1. Discuss the recent advances in prosthetic technology that could be utilized in rehabilitation of bilateral below elbow amputee.

**Short essays:**

**(8x10=80)**

2. Intra-thecal baclofen therapy
3. Osseo integration prosthesis
4. Complementary and alternative medicine in rehabilitation
5. Brain plasticity
6. Environmental control devices
7. Cardiac stress test.
8. Pharmacology for neuro-modulation
9. Role of diagnostic ultrasound imaging of shoulder in physiatrist practice

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