

[LQ 180]

AUGUST 2020  
(MAY 2020 SESSION)

Sub. Code: 2074

**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 the prosthetic considerations during rehabilitation of an above knee amputation patient.
2. Describe the components of wheel chair and discuss in detail the recent advances in wheel chair prescription to improve the functional outcome in a spinal cord injury.

**II. Write notes on:**

**(10 x 7 = 70)**

1. CAD CAM and 3 D printing
2. Recent pharmacological therapy for OA knee.
3. Prolotherapy
4. Tai Chi
5. Assistive technology for mobility impairments
6. Extracorporeal shock wave therapy
7. CBR in SCI patient
8. Functional electrical stimulation and its applications
9. Spinal orthosis for scoliosis
10. MCI Guidelines for disability assessment for admissions in MBBS course in students with disorders of musculoskeletal system.

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