

**THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY**

[MD 0723]

**JULY 2023  
(MAY 2023 EXAM SESSION)**

**Sub. Code: 2075**

**M.D. DEGREE EXAMINATION**

**BRANCH XIX – PHYSICAL MEDICINE AND REHABILITATION**

**PAPER II – PHYSICAL MEDICINE AND REHABILITATION – I  
(INCLUDING PHYSIOTHERAPY, OCCUPATIONAL THERAPY, PAEDIATRICS,  
RADIOLOGY, GENETICS, INDUSTRIAL INJURIES, SPORTS INJURIES, ELECTRO  
DIAGNOSIS, MUSCULOSKELETAL DISORDERS, NEUROMUSCULAR DISORDERS)**

*Q.P. Code: 202075*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss risk factors associated with and conditions causing low back pain in an active sports and games person. Elaborate on stages of management and conditioning. Discuss core muscle strengthening.
2. Discuss Rehabilitation of a 5-year-old CP diplegic child towards his or her Adulthood.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Crutch Muscles.
2. Muscles Strengthening Training Program.
3. Upper extremity Theraband exercise.
4. Tenodesis grasp.
5. EMG features of Neuropathy and Myopathy.
6. OA knee.
7. De Quervain – Tenosynovitis.
8. Autosomal disease.
9. Radiographic features of Charcot's foot.
10. Facioscapulohumeral muscular dystrophy.

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