

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

[LN 125]

OCTOBER 2018

Sub. Code: 8125

**MPT DEGREE EXAMINATION  
SECOND YEAR  
SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT  
BRANCH V – SPORTS PHYSIOTHERAPY**

*Q.P. Code : 278125*

**Time : Three hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Explain the basic structural and mechanical properties of ligaments and how will it adapt to the injuries?
2. Discuss the physiological differences between a male and female athlete and its possible impact on training.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Visual and auditory evoked potentials.
2. Piriformis syndrome.
3. Lactic threshold.
4. Acclimatization.
5. Endurance testing.
6. Emergency care in the field.
7. Unhappy traid of the knee.
8. Principles of Pilates method.
9. Components of Athletic shoe.
10. Segond fracture.

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