

[LH 125]

OCTOBER 2015

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. Biomechanics of throwing, assessment of shoulder in overhead sports with discussion on gleno humeral internal rotation deficit, glenohumeral external rotation gain and total range of motion deficit.
2. Running injuries in an athlete, assessment of runner's leg and foot.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Delayed onset of muscle soreness.
2. Cardiopulmonary exercise testing in athletes.
3. Heat stroke in marathon runners.
4. Assessment and injuries in medial patella femoral ligament.
5. Back pain in fast bowlers – differential diagnosis.
6. Bowlers thumb.
7. Athletes foot.
8. Tennis leg.
9. Dequervian tenosynovitis.
10. Valgus stress overload syndrome.

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