



[LJ 125]

OCTOBER 2016

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. Describe in detail about the physiological responses and adaptations to exercise in Musculoskeletal system.
2. Explain in detail the injury assessment of a cyclist who had just collapsed after a span of 30 kms of cycling under humid temperature.

II. Write notes on:

(10 x 6 = 60)

1. Principles and management of tendon transfer surgeries.
2. Isokinetic testing after Anterior Cruciate Ligament reconstruction.
3. Biopsy procedures in sports assessment.
4. Physiotherapy verses medical model of practice.
5. Principles of evidence based physiotherapy practice in sports field.
6. Biomechanics of throwing.
7. Pre participation meal.
8. Psychosocial wellness.
9. Sports fitness testing.
10. Carbohydrate loading response.
