

**Q.P.Code: 202386**

**Reg. No.:.....**

**Second Year MPT Degree Examinations - October 2016**

**Physiotherapy in Musculo-Skeletal and Sports**

**Time : 3 hrs**

**Max marks : 100**

- **Answer all questions**

**Essays:**

**(2×20=40)**

1. Describe the detailed rehabilitation in the minimum protection phase of a 30 years old male football player who has undergone an anterior cruciate ligament reconstruction.
2. Explain NAGs, SNAGs, RSNAGs of the Mulligan concept. Describe the application of SNAGs in spinal dysfunction.

**Short essays:**

**(6x10=60)**

3. Explain the different zones of hand. Explain the rehabilitation program for flexor tendon injuries of hand.
4. Describe in detail about the PT management and assessment findings in ankylosing spondylitis
5. Explain in detail about the pathomechanics of lumbar vertebrae with its clinical implications
6. Sports nutrition.
7. Thoracic outlet syndrome.
8. Explain the clinical features and management of rheumatoid arthritis

\*\*\*\*\*