

**Q.P.Code: 202386**

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

**Second Year MPT Degree Supplementary Examinations October 2018**

**Physiotherapy in Musculo-Skeletal and Sports**

**(2010 Scheme)**

**Time : 3 hrs**

**Max marks : 100**

- **Answer all questions**

**Essays:**

**(2x20=40)**

1. A 45 years old male patient suffering from ankylosing spondylitis has undergone total hip arthroplasty of his right side. Explain the post-surgical rehabilitation procedure.
2. What is muscle energy technique (MET). Explain the principles. Add a note on indications and contraindications of MET. Describe the technique of application with one example. (2+6+4+8)

**Short essays:**

**(6x10=60)**

3. List down the specific injuries related to water sport and explain any two of them. (2+4+4)
4. Physiotherapy management for flexor tendon injuries of hand.
5. Fitness assessment for a football player.
6. Cumulative trauma disorders
7. Prosthetic checkout
8. Importance of electromyography in musculoskeletal assessment

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