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Q.P.Code: 202386 **Reg. No.:……**

Second Year MPT Degree Supplementary Examinations March 2018

Physiotherapy in Musculo-Skeletal and Sports

Time : 3 hrs **Max marks : 100**

- **Answer all questions**

Essays: **(2×20=40)**

1. Discuss the pathomechanics and management for deformities of wrist and hand due to rheumatoid arthritis.
2. A basketball player complains of anterior knee pain of gradual onset. What are the differential diagnoses. Make a provisional diagnosis by reasoning and plan an assessment and rehabilitation of the same.

Short essays: **(6x10=60)**

3. Explain the kinetics and kinematics of gait in patient with abductor muscle weakness.
4. Discuss rationale of physiotherapy management in tennis elbow.
5. Discuss stress reduction strategies used by sports psychologists for enhancement of athletic performance.
6. Discuss functional capacity evaluation for a computer professional.
7. Explain the role of orthotics in lower motor neuron lesions.
8. The various models for diagnosis and classification of chronic low back disorders.

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