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Q.P.Code: 201376 **Reg. No.:……**

Second Year MPT Degree Examinations November 2017

Advanced Physiotherapy Management, Manual Therapy and Evidence-Based Practice

(Common for all specialities)

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

- **Answer all questions**

Essays: **(2x20=40)**

1. Compare the exercise planning and prescription of an obese verses a diabetic patient
2. Define physical activity and physical fitness. Explain the various protocols for fitness testing (2+2+16=20)

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

3. Define posture. Explain in detail the importance of postural re-education in physiotherapy
4. Discuss the effectiveness of constrained induced movement therapy in improving upper limb function in stroke patients with research evidence
5. Explain the pathophysiology of a myofascial trigger point and briefly explain the rationale of trigger point release therapy
6. Explain the rationale for the use of infra red radiation in pain relief
7. Explain prosthetic foot options available for a trans tibial amputee with recent advances
8. Explain the principles of evidence based practice

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