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Q.P.Code: 201376 **Reg. No.:.....**

Second Year MPT Degree Examinations - October 2016

Advanced Physiotherapy Management, Manual Therapy and Evidence-Based Practice

(Common for all specialities)

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

- **Answer all questions**

Essays: **(2×20=40)**

1. Explain in detail about the pre prosthetic assessment and prescription of prosthetics for a 22 years old male athlete undergone right below knee amputation.
2. Enumerate the causes, incidence and risk factors of obesity. Describe the signs and special tests for obesity. Discuss the principles of exercise prescription and training.

(5+3+4+8=20)

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

3. Functional magnetic resonance imaging (MRI) in stroke rehabilitation.
4. Vertebral artery testing and its significance
5. Principles of evidence based practice
6. Explain Mulligan's mobilization with movement (MWM) technique for tennis elbow.
7. Mirror box therapy
8. Explain the basic principles of pilates. Add a note on the effect of pilates in weight loss.

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