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Second Year MPT Degree Examinations - November 2012

Advanced Physiotherapy Management, Manual Therapy and Evidence-Based Practice

(Common Paper)

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

- **Answer all questions**

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

1. What is obesity. Mention the types of obesity. A 38 year old female with a BMI of 35 willing for weight reduction program. How will you assess and plan your treatment for the same. Mention the ACSM guidelines for weight reduction program (2+2+10+6=20)
2. Explain about functional electrical stimulation. Discuss how functional electrical stimulation will improve Gait in a patient with stroke. Add a note on its Evidence. (5+10+5=20).

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

3. Explain in detail about core muscle training in non specific low back pain.
4. Discuss in detail about positional release therapy – indications, contraindications and mechanism of action.
5. Explain about the elements of evidence.
6. Discuss about the pneumatic compression therapy.
7. Discuss about various mobility aids used to improve activities of daily living.
8. Myoelectric prosthesis - Effects and its application with suitable examples.

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