Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY 2 X 20 = 40 Marks

- 1. Normal Electrical changes occurring in the Nerve and Muscle during a Muscle contraction.
- Describe in detail the various methods of Kinematics and Kinetics investigations during gait.

SHORT ESSAY 6 X 10 = 60 Marks

- Note on Electro Physiology assessment devices.
- 4. Give the effects of Electrical Stimulation in various system.
- Considerations for exercise prescription in obesity
- Sagittal plane analysis of posture.
- Cardio respiratory changes during Muscle work.
- 8. Prehensions and grips

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