

2013

Full Marks - 75

Time : As in the Programme

The figures in the right hand margin indicate marks.

Answer as directed in each section.

Section - A (Exercise Therapy)

Long answer questions (Answer any THREE questions of the following. [15×3

1. Describe the principles of PNF technique. How does PNF help in retraining of motor function.
2. What do you understand by Hydrotherapy ? Describe the techniques of building muscle power with Hydrotherapy.
3. What do you understand by gait deviation ? Describe circumduction gait and its correction.

4. What do you understand by relaxation exercises ? What are the criteria for prescribing relaxation exercises ?
5. Describe the role of exercise therapy in maintenance and restoration of Range of motion and muscle power.

Section -B (Electro Therapy)

Short Answer questions (Answer any THREE questions of the following [10×3

- a) Physiological and therapeutic effects of ultrasound
- b) Causes and effect of erythema reaction in UVR.
- c) Uses of Russian current therapy
- d) Techniques and uses of cold therapy
- e) Diagnostic and therapeutic uses of EMG.