

2010

Full Marks -75

Time : As in the programme.

The figures in the right hand margin indicate marks.

Answer questions as directed in each section.

Section - A Exercise therapy II

Long Answer Questions

(Answer any THREE questions of the following)

[15×3]

1. Describe the principle of PRE . What are effects and uses of this technique in rehabilitation of muscle weakness ?
2. What do you understand by Deep heat therapy ? Describe the modalities used in deep heat therapy.
3. What do you understand by joint traction ? Describe the role of joint traction in increasing ROM.

[Cont.]

4. What do you understand by relaxation exercises? What are the criteria for prescribing relaxation exercises?
5. Describe the role of EMG bio-feedback in movement reduction.

Section - B Belectrotherapy II

Short Answer Questions

Answer any **THREE** questions of the following)

Write short notes on: [10×3]

- (a) Role of US in soft tissue injury
- (b) Methods to reduce muscular spasm using PNF.
- (c) Types, Techniques and uses of medium frequency currents
- (d) Techniques and uses of cross fire SWD
- (e) Exercise therapy in maintenance and restoration or Range of motion.