

I - S - BPT - (Therapeutics - I) - (R & B)

2023

Full Marks - 75

Time - As in the Programme

Answer questions from both the section in different answer sheet.

Section – A

(Exercise Therapy)

[Full Marks - 40]

1. Answer any TWO questions : [10 x 2 = 20]
 - (a) Define Petrissage Massage. Discuss its classification, therapeutic effect, use and contraindication.
 - (b) Discuss various methods of Progressive Resisted exercise, their effect and uses.
 - (c) Discuss factors of poor posture and their therapeutics management.
2. Write short notes on any FOUR : [5 x 4 = 20]
 - (a) Postural Muscles.
 - (b) Types of muscle contraction.
 - (c) Use of springs in therapeutics exercises.

[Cont...]

- (d) Discuss hanging as starting position and the muscle work involved in this position.
- (e) Discuss musculoskeletal complications of bed rest and their precautions.
- (f) Types of suspension therapy.

Section – B

(Electrotherapy - I)

[Full Marks - 35]

1. Answer any TWO of the followings : [10 x 2 = 20]
 - (a) What Action Potential ? Briefly discuss on the mechanism of transmission of impulse in a peripheral nerve.
 - (b) Discuss briefly on the Physiological effects of Faradic type current and explain, how these effects are used for therapeutic benefits.
 - (c) What is Iontophoresis ? Briefly discuss on its principles, techniques and indications for use.
2. Answer any THREE of the following : [3 x 5 = 15]
 - (a) Rheobase and Chronaxie.
 - (b) Contrast Bath.
 - (c) Choke Coil.
 - (d) Semiconductors.

