

2018

Full Marks - 75

Time - As in the Programme

*The figure in the right hand margine indicate marks.
Answer questions from both sections as directed
therein.*

Section – A (Exercise Therapy)

1. Answer any TWO questions. [10×2]
 - (a) Write down the re-education and strengthening of hip abductor muscles from grade 0 to grade 3.
 - (b) Write down the techniques of relaxation and its effects.
 - (c) Write down the techniques of breathing exercise and its effects.
2. Write short notes on any FOUR of the followings : [05×4]
 - (a) Anterior trunk bending gait.
 - (b) Goniometry for the shoulder rotation.

[Cont...

- (c) Repeated contraction with normal timing.
- (d) Group therapy.
- (e) Indications and contraindications of hydrotherapy.

Section – B (Electro - therapy)

3. Answer any TWO questions. [10×2]
- (a) Discuss in brief on the Effects and Clinical applications of Therapeutic Ultrasound.
 - (b) Discuss how to calculate the dosage of UVR, its effects and uses.
 - (c) Define IFT. Briefly discuss its *Physiological and Therapeutic* effects.
4. Write short notes on any THREE of the followings : [05×3]
- (a) Physical characteristics of LASER.
 - (b) Physiological effects of MWD.
 - (c) Clinical applications of PSWD.
 - (d) Contraindication and Dangers of SWD.
 - (e) Dosage of Infrared Radiation.

