

2022

Full Marks - 75

Time - As in the Programme

The figure in the right hand margin indicates marks.

Answer all questions from both Sections as directed therein.

Section - A

[Exercise Therapy]

1. Answer any TWO questions : [10×2=20]
 - (a) Write down principles and types of anatomical levers with appropriate examples of each type.
 - (b) Write down the muscle work and therapeutic use of kneeling fundamental position. Enumerate various derived positions of the kneeling with appropriate use diagram if necessary.
 - (c) Explain classification, therapeutic and physiological effects of the massage. Explain various types and techniques of kneading massage.
2. Write down short notes on any FOUR of the following : [5×4=20]
 - (a) Equilibrium.
 - (b) Contraindications of active movement
 - (c) Various methods of resistance applications used during resisted exercises.
 - (d) Uses of tilt table.
 - (e) Importance of passive exercises.

[Cont...

Section - B[Electro - therapy]

3. Answer any TWO of the following long questions : [10×2=20]

- (a) Explain production, physiological effects, therapeutic effects and technique of moist heat applications. Also write down contraindications of moist heat applications.
- (b) Explain principles, technique and effects of the iontophoresis name various clinical conditions and also useful ionic salt to be used by iontophoresis in these conditions.
- (c) Explain various possible risk accidents that may occur in the electrotherapy room. Explain various measures which can be helpful for preventies of earth shock.

4. Write short notes on any THREE of the following : [5×3=15]

- (a) Semi conductors
- (b) Electrical resparses of the membrane
- (c) Electromagnetic induction
- (d) Modifications of the reputeutic currents for clinical uses.
- (e) Whilpool bath therapy.

