

2019

Full Marks - 100

Time - As in the Programme

The figure in the right hand margine indicate marks.

Answer from both Section as directed therein.

Section - A

Answer any THREE questions : [20×3]

1. Write down the biomechanics of lumber spine.
2. Discuss the kinetics and kinematics of normal human locomotion in sagital plane with line diagram.
3. What is posture ? Discuss the postural mechanism.
4. Discuss the visco-elastics characteristics of tissues.

[Cont.

[2]

Section - B

5. Write short notes on any FOUR of the followings : [10×4]

- (a) kinetics and kinematics of shoulder abduction
- (b) arches of hand
- (c) closed kinetic chain and open kinetic chain exercises.
- (d) axis and plane
- (e) lever
- (f) Gutter crutches

