

2020

Time : As in Programme

Full Marks : 75

Answer from both the Sections as directed. The figures in the right-hand margin indicate marks.

Section - A

Answer any **three** questions of the following : 15×3

1. A 30 years old male whose day to day work involves desk job, presents with pain in the low back region on prolonged hours of sitting and does not radiate to lower extremity. The symptoms eases on getting up and taking few steps. Evaluate the condition based on McKenzie's concept with justification and add a note on the plan of treatment.
2. Discuss in detail the Bobath's approach and explain its clinical application.

(2)

3. Write in detail the ICU management of a patient following thoracotomy and add a note on facilitation of diaphragm.
4. Define the term Ergonomics and explain the principles of Ergonomic evaluation of work area with an example.

Section - B

5. Write short notes on any **three** of the following : 10×3
 - (a) Explain about the grades of movement and its importance.
 - (b) Write about problem-oriented medical recording process and its importance.
 - (c) Discuss in brief about motor learning.
 - (d) Principles of management for acute respiratory distress syndrome.
 - (e) Write about the principles of injury prevention in work place.