

## SS/MPT-II/P-IV/1-16

2016

(January)

## MASTER OF PHYSIOTHERAPY (2<sup>nd</sup> Year)

Paper IV

Full Marks: 100

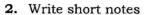
Time: 3 hours

The figures in the margin indicate full marks for the questions

Answer all questions

- What is exercise therapy? What are the basic principles followed in exercise therapy? Give the classification and add a note on the application of exercise therapy with significant clinical reasoning.
- Explain about different pharmacological agents used in the management of cardio pulmonary disorders. Describe their effects on the activity performance.

(Turn Over)



 $10 \times 6 = 60$ 

- (a) Classify burns and give the role of physiotherapy in management of chemical burn .
- (b) Define asana. Classification of asanas. Enumerate the safety and precautions taken while performing asanas.
- (c) Give recent advancement in the use of electrotherapy techniques for the purpose of neurological rehabilitation.
- (d) Explain the various phases of cardiac rehabilitation with clinical reasoning. Give evidence wherever necessary.
- (e) Explain the theories of motor control and motor learning.
- (f) What is aquatic therapy? How it is useful to rehabilitate patients, outline the physiological effects of aquatic therapy on musculoskeletal and nervous system.

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