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

**2 0 1 6**

( 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

1. 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. 20
2. Explain about different pharmacological agents used in the management of cardio pulmonary disorders. Describe their effects on the activity performance. 20



( Turn Over )

( 2 )

2. Write short notes

10 × 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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