

Total No. of Printed Pages – 2

SS/MPT-II/P-V(MDS)/1-16

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(January)

MASTER OF PHYSIOTHERAPY

(2nd Year)

Paper V

(Musculoskeletal Disorders & Sports)

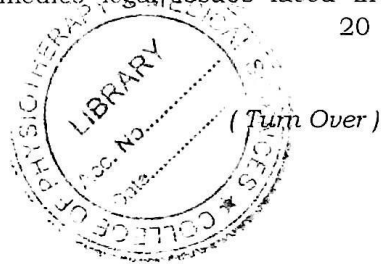
Full Marks : 100

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

Answer **all** questions

1. Describe the anatomy and biomechanics of the spine.
Discuss about various techniques of spinal mobilization. 20
2. What is injury prevention? Discuss about principles of
injury prevention and the medico legal issues faced in
sports. 20



(2)

3. Answer in short

10 × 6 = 60

- (a) Discuss about recent advances in joint manipulation techniques.
- (b) Cumulative trauma syndrome – presentation and management, discuss.
- (c) What is tendon transfer? Explain the management following a tendon transfer surgery. Give the rationale of using biofeedback in the management of tendon transfer.
- (d) What are orthopedic implants? Discuss about technical and mechanical aspects of metal implants.
- (e) Define tapping and the physiological effects of tapping. Explain the rationale of tapping in sports injury.
- (f) External aids and appliances.

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