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(February)

MASTER OF PHYSIOTHERAPY
(1st Year)
BIOMECHANICS, EXERCISE PHYSIOLOGY,
ELECTROPHYSIOLOGY

Paper II

Full Marks : 100

Time : 3 hours

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

Answer **all** questions

1. Explain in detail about physiology of movement. 20
2. Discuss analysis of posture. Explain deviations of posture in saggital plane. 10+10=20
3. Define ergonomics. Explain ergonomical approaches used in workspace and environment. 10

(Turn Over)

4. Write a note on clinical electro physiological testing. 10
5. Explain the physiological changes occurring in higher altitude and under water conditions. 5+5=10
6. Exercise prescription for health and fitness with special emphasis in an obese patient 45 years old, male with hypertension. 10
7. Write down a detail note on fatigue assessment. Describe different rehabilitation measures used with work rest regimes to control fatigue. 10
8. Describe biomechanics of respiration and circulation. 5+5=10

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