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34(2) ELTH 2.4

2012

(April)

ELECTROTHERAPY

Full Marks : 100

Time : Three hours

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

1. *Essay Type : (any two out of three) 10×2=20*
 - (a) Define cryotherapy. Write about the various techniques of application of cryotherapy with its indications and contraindications.
 - (b) What is electrodiagnosis? Explain the different electrodiagnostic tests and their interpretations.
 - (c) Classify UVR. Explain about the construction and working of different types of generators used for UVR production.

Contd.

2. *Short Essay Type : (any ten out of twelve)*
5×10=50

- (a) Electromagnetic spectrum
- (b) Contrast Bath
- (c) Test dose
- (d) Physiological effects of MWD
- (e) Types of therapeutic LASER
- (f) Explain the mechanism of pain modulation in TENS
- (g) Moist heat therapy
- (h) Types of infra-red generators
- (i) Indications and contraindications of faradic stimulation.
- (j) Define shock. Write about the safety precautions and management of shock.
- (k) Capacitor field method in SWD
- (l) Physiological effects of IFT.