



LONG ESSAY

2 X 20 = 40 Marks

1. Explain in detail the neurobiology of pain, various theories and the mechanism of pain relief with the application of physiotherapeutic modalities
2. Describe the concept of repeated movements with emphasis on the treatment of lumbar region

SHORT ESSAY

6 X 10 = 60 Marks

3. Explain the effects of massage on various systems
4. Application of ultraviolet radiation in various skin conditions
5. Explain the significance of closed kinetic chain exercises following post surgery of the lower extremity conditions
6. Physiotherapeutic application in pelvic inflammatory disease
7. Explain cancer rehabilitation evaluation system (CARES) and guidelines for nutrition and physical activity for cancer prevention
8. Calculation of ultrasound dosimetry for a chronic lesion of anterior capsule of glenohumeral joint

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