

[LA 6259]

AUGUST 2012

Sub. Code: 6259

THIRD YEAR BPT EXAM
PAPER I – ELECTROTHERAPY – I (LMF)
Q.P. Code: 746259

Time: Three Hours**Maximum: 100 marks****(180 Min) Answer ALL questions in the same order.****I. Elaborate on:****Pages Time Marks**
(Max.)(Max.)(Max.)

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|---|----|----|----|
| 1. Define Pain? What are the types of pain? Describe the gate control theory of pain? | 19 | 33 | 20 |
| 2. Describe Interferential therapy and its parameters in detail? | 19 | 33 | 20 |

II. Write notes on:

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|--|---|---|---|
| 1. High Voltage pulsed Galvanic stimulation. | 3 | 8 | 5 |
| 2. Electromyography. | 3 | 8 | 5 |
| 3. Iontophoresis. | 3 | 8 | 5 |
| 4. Diadynamic current. | 3 | 8 | 5 |
| 5. Dangers of therapeutic direct current. | 3 | 8 | 5 |
| 6. Strength – Duration curve. | 3 | 8 | 5 |
| 7. Burst mode TENS. | 3 | 8 | 5 |
| 8. Russian current. | 3 | 8 | 5 |

III. Short Answers:

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|-----------------------------------|---|---|---|
| 1. Motor point. | 1 | 5 | 2 |
| 2. Rheobase. | 1 | 5 | 2 |
| 3. Surged current. | 1 | 5 | 2 |
| 4. Types of TENS. | 1 | 5 | 2 |
| 5. What is Action potential? | 1 | 5 | 2 |
| 6. Kinked curve. | 1 | 5 | 2 |
| 7. Use of Glycopyrronium bromide. | 1 | 5 | 2 |
| 8. Acute Pain. | 1 | 5 | 2 |
| 9. Refractory period. | 1 | 5 | 2 |
| 10. Axanotmesis. | 1 | 5 | 2 |
