



**J-M201921**

Seat No. \_\_\_\_\_

**Second Year B. P. T. Examination**

**July – 2019**

**Electrotherapy**

Time : 3 Hours]

[Total Marks : 80

**SECTION - I**

- 1 Long Answer : (Any One) 10**
- (a) What is IFT? Explain different types of interference, indications and contraindications.
- (b) What is Pain Gate Theory? Explain Low TENS.
- 2 Short Answer : (Any Three) 15**
- (a) Iontophoresis
- (b) Explain Biofeedback with two examples
- (c) Indications of electrical stimulation
- (d) Indications and contraindications of TENS.
- 3 Very Short Answer : (Any Five) 15**
- (a) Two examples of combination therapy
- (b) Faradic foot bath
- (c) Write down treatment of electric shock
- (d) Motor Unit
- (e) Write in brief about faradism under pressure
- (f) Parameters of conventional TENS.

**SECTION - II**

- 4 Long Answer : (Any One) 10**
- (a) What is US ? Explain production, Physiological effects, indications and contraindications of same.
- (b) LASER.

- 5 Short Answer : (Any Three) 15**
- (a) Test Dose of UVR
  - (b) Different application method of SWD
  - (c) Difference between Luminous and non-luminous IRR
  - (d) Indications and contraindications of MWD.
- 6 Very Short Answer : (Any Five) 15**
- (a) PUVA
  - (b) Whirlpool bath
  - (c) Composition of PWB
  - (d) Different application methods of cryotherapy
  - (e) Grothus and Vant Hoff Law
  - (f) Contrast Bath.
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