

51213

[5 × 7 = 35]

2. Short answer question (any five out of six):
- Define pain & discuss pain modulation.
  - Principles of biofeedback, methods & its uses.
  - Describe five therapeutics uses of faradic current.
  - Define SD curve & explain it in detail.
  - Define Iontophoresis. Name five ions, its effect & uses.
  - Discuss treatment of Psoriasis with UVR.

**SECTION - B LAQ (30 Marks)**

3. Long answer question (any one out of two) : [1 × 15 = 15]

- Elaborate on types of UVR.  
Physiological & therapeutic uses.  
Test dose & its application. [2 + 7 + 6]
- What is SWD? Discuss its therapeutic effects and uses. Describe technique & methods of application. [2 + 6 + 7]

4. Long answer question (any one out of two) : [1 × 15 = 15]

- Discuss advantage of IFT.  
Physiological & therapeutic effects.  
Technique & methods of application. [3 + 5 + 7]
- Define TENS & its types.  
Physiological & therapeutic effects.  
Technique & methods of application. [6 + 3 + 6]





**Second BPTH (2012) Examination, Summer (Phase - II) - 2019**  
**ELECTROTHERAPY**

Total Duration : Section A + B = 3 Hours

Total Marks : 80

**SECTION - A & SECTION - B**

- Instructions :**
- 1) Use **blue/black** ball point pen only.
  - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
  - 3) **All questions are compulsory.**
  - 4) The number to the **right** indicates **full marks**.
  - 5) Draw diagrams **wherever necessary**.
  - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
  - 7) Use a common answer book for all sections.

**SECTION - A SAQ (50 Marks)**

1. Short answer question (any five out of six) : [5 × 3 = 15]
- a) Explain the terms, Rheobase and chronaxie.
  - b) Advantage of Phonophoresis.
  - c) Define biofeedback & state its uses.
  - d) State the definition and uses of Micro currents.
  - e) Tridymite formation.
  - f) Principles of Faradism under pressure.

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**SECTION - "B" (LAQ) (30 Marks)**

3. Long answer question (**any one** out of two) : [1 × 15 = 15]
- a) Define Iontophoresis. State its principle and describe the method of application. State its dangers. Enumerate any 5 ions with their uses.
  - b) Define Ultrasound. Describe the physiological and therapeutic effects of ultrasound and write its contraindications.
4. Long answer question (**any one** out of two) : [1 × 15 = 15]
- a) Describe the physiological and therapeutic effects of interrupted galvanic currents. State its Indications and contraindications.
  - b) What is Faradism under pressure? State its Principle of application. Describe the technique and state its contraindications.

