

First B.P.TH. (2012) Examination, (Phase - III) Winter - 2023  
FUNDAMENTALS OF ELECTROTHERAPY

Total Duration : Section A + B = 3 Hours

Total Marks : 80

**SECTION - A & SECTION - B**

- Instructions :**
- 1) Use **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 answerbook for **all sections.**

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

I. Short answer question (any five out of six):

[5×3=15]

- a) Define condensers. Write down its principles.
- b) Grid system at house.
- c) Write a note on electromagnetic induction.
- d) What are Eddy currents?
- e) Write down Lenz's law.
- f) What is magnetism? Write its types.

N - 6051

P.T.O.