

# Vasantprabha College Of Physiotherapy

Buldana

First BPT (2024) Preliminary Examination 2025

Physiotherapy Paper 1 [Electrotherapy-1]

Total Duration: Section A+B = 3:00 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 **whenever 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. Question 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 x 3 =15]

- a) Define High frequency current and enumerate the high frequency current modalities.
- b) Define Action Potential.
- c) Enumerate properties of magnet.
- d) Write about the construction of Diode valve.
- e) Define Latent heat.
- f) Explain the functions of Fuse.

2. Short answer question (any five out of six)

[5 x 7 =35]

- a) Explain Electromagnetic spectrum with a neat diagram.
- b) Describe different types of TENS with neat labelled diagram.
- c) Explain different types semiconductors.
- d) Describe different types of IRR generators.
- e) Discuss the production of Ultrasound.
- f) Explain the construction and types of Rheostat.