



Abhinav Bindra Sports Medicine and Research Institute
BPT 1st Internal Examination for ~~2nd~~ 1st semesters- July 2026

Date: 10/07/2026
Time: 09:00 AM-12:00 PM
Subject Code: 23ABP205

Subject: Electrotherapy ~~1~~
F.M.: 80 marks
Question Code: E5

Long Questions- Answer Any 3 (3 X 15Marks)

1. Write in details about physiological effects of Heat?
2. Write down the structure and properties of matter. Give a detail about electrical energy?
3. Give a brief note on Therapeutic currents?
4. Give a detail about production and therapeutic effects of faradic current

Short Questions- Answer Any 6 (6 X 5Marks)

5. What is Moist heat and Dry heat?
6. Draw a neat labelled diagram of effects of heat on vasodilatation?
7. What is Paraffin Wax bath and write down the ratios of the same?
8. Give a detail about rectifiers.
9. Importance of therapeutic currents in Physiotherapy
10. Therapeutic effects of heat
11. Difference between high frequency and low frequency current

12. Objective type Questions- Answer all (5 X 1Mark)

- a. In a condenser, the spacing material should have:
 1. High dielectric constant
 2. Low Dielectric constant
 3. None of the above
- b. Joules law expresses the relation between

1. Current, voltage and time	2. Current, resistance and time	3. Current, EMF and Time
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- c. The wire in a fuse should have:

1. Very high melting point	2. High thermal tolerance	3. very low melting point
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- d. Energy required to change the state of a substance is:

1. kinetic energy	2. potential energy	3. latent heat
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- e. The device that measures electrical resistance is:

1. ohmmeter	2. potentiometer	3. voltmeter
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