



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

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

Subject: Electrotherapy 2
F.M.: 80 marks
Question Code: E5

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

1. Discuss detail about the production of SWD with neat circuit diagram.
2. Explain the details about clinical evaluation of ultraviolet doses. How progress the next doses.
3. Describe physiological and therapeutic effects of medium frequency current.
4. What is IRR? Write down its indication, technique of application and contraindication
5. Write down the production and various types of UVR with Physiological effects

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

7. Different types of electrodes in SWD
8. Therapeutic effects of Russian Current
9. Contraindication of deep heating modalities
10. Dosimetry of Russian Current.
11. Contraindication of Actinotherapy
12. Vapour Coolant
13. Types, techniques and uses of Cold therapy

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

a) In tissue heating by SWD, Complex permittivity is dependent upon:

- I. Frequency
- II. Intensity
- III. Duration of Application
- IV. None of the above

b) For thermal effect to be produced by PSWD, the mean power exceeds:

- I. 3W
- II. 5W
- III. 10W
- IV. None of the above

c) High Frequency current has a frequency of:

- I. Above 10,000 Hz
- II. Below 10,000 Hz
- III. 500 Hz



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IV. None of the above

d) The depth of penetration of MWD is:

I. Greater than IR and lesser than SWD

II. lesser than IR and greater than SWD

III. Equal to SWD

IV. None of the above

e) The term diathermy means:

I. Superficial heating

II. Deep heating

III. Through and through heating

IV. None of the above