

Total Number of Pages: (01)  SUBJECT NAME: Electro Therapy -II  SUB_CODE: 23ABP  2nd Semester Regular Examination: 2023-24  BRANCH: BPT  Max Time: 3 Hours  All Questions are compulsory. Illustrate answer with diagrams wherever relevant / require  The figures in the right-hand margin indicate marks.  Q1  Long Answer Question (Answer any one out of two)  a) Write in detail about the techniques of application of short wave diathermy b) Elaborate on therapeutic effects and indications of ultraviolet radiation therapy  Q2  Long Answer Question (Answer any one out of two)  a) Explain the principles of cryotherapy and enlist contraindications for using it b) Explain the physiological and therapeutic effects of microwave diathermy  Q3  Long Answer Question (Answer any one out of two)  a) Define interferential therapy and explain about it in detail b) Describe how ultrasound therapy can impact inflammatory and repair process  Q4  Short Answer Questions (Focused) (Answer any two out of three)  a) Write about heliotherapy and its effects. b) Explain briefly about effects of Laser therapy for pain relief and healing c) Write about Russian currents  Q5  Short Answer Questions (Applied) (Answer any two out of three) a) Describe Lewis hunting response b) Enlist any three indications for Biofeedback and explain them c) Write about any four cryotherapy application techniques?	205 168 PM ed
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Q 6 Short Answer Case based question (Answer any two out of three) (2 x 5 r	narks)
a) What is meant by test dose in ultraviolet radiation therapy?	
b) Write about EMG biofeedback	
c) Describe cavitation during ultrasound therapy. How can the risk of damage due	
to cavitation be minimized	
a port of the state of the stat	l mark
<ul><li>a) What are high frequency currents?</li><li>b) Define actinotherapy</li></ul>	
c) Which currents are responsible for tissue heating in inductothermy?	
d) Why should skin thermal sensation be tested before a heat or cold therapy is	
given?	
e) What is a cathode ray tube?	

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