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BACHELOR OF PHYSIOTHERAPY (B. P. T.)
EXAMINATION : MARCH - 2023
SECOND YEAR
Subject: Electrotherapy (BPT- 21206)

Date: 13/03/2023

Total Marks: 80

Time: 2.00 pm to 5.00 pm

SECTION – A

Q.1 Answer the following questions in short (Any five) (15)

- a. Write any three differences between galvanic and faradic current
- b. Write a note on Motor Point
- c. Discuss any two laws of radiation with application to physiotherapy
- d. Types of electrodes used in IFT
- e. Describe any three ions for pain relief, used in Iontophoresis
- f. Write a note on properties of LASER

Q.2 Answer the following questions (Any Five) (35)

- a. Discuss principles and uses of biofeedback
- b. Explain wound care and elaborate the electrotherapeutic modalities used for wound care
- c. Describe non thermal effects of ultrasound & add note on coupling media
- d. Explain the technique of applications for faradism under pressure along with its indication and principles
- e. Write a note on strength duration curve
- f. Discuss pain pathways and pain gate theory in detail

SECTION – B

Q.3 Answer the following questions in detail (Any one) (15)

- a. Define interferential therapy and its types. State its physiological effects, indications, contraindications. Write a note on Russian currents.
- b. Discuss physiological and therapeutic effects of ultrasound. Discuss phonophoresis. Discuss its indications.

Q.4 Answer the following questions in detail (Any one) (15)

- a. Discuss in detail about the physiological and therapeutic effects of Faradic Currents. Explain about faradic re-education with its technique and principle of application. Write a short note on strong surge faradic current
- b. Explain principle of SWD along with its methods of application in detail. Write a note on its physiological effects along with the dangers and precautions