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EXAMINATION : DECEMBER- 2024
SECOND YEAR
Subject: Electrotherapy (BPT- 21206)

Date: 31/12/2024

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. Motor point
- b. Chronaxie and rheobase
- c. Properties of LASER
- d. Difference between faradic and galvanic currents
- e. Precautions of TENS
- f. Types of electrodes in Interferential Therapy (IFT)

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

- a. Explain technique of plotting SD curve & interpretation.
- b. Discuss principles and uses of biofeedback.
- c. Explain application of therapeutic modalities in wound care.
- d. Write a note on pain pathways and pain gate theory in detail.
- e. Explain principles and technique of application of faradism under pressure.
- f. Write test dose of UVR.

SECTION – B

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

- a. Discuss physiological and therapeutic effects of faradic current. Discuss Faradic re-education in detail. (8+7)
- b. Discuss physiological and therapeutic effects of short wave diathermy. Discuss its dangers and precautions. (8+7)

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

- a. Define Interferential therapy. Discuss its advantages on low frequency currents. Discuss its indications. (3+7+5)
- b. Discuss physiological and therapeutic effects of ultrasound. Discuss phonophoresis. Discuss its indication. (7+5+3)
