



RAN - 2106000302040002

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B. Physiotherapy (SY) Examination September - 2023

Electrotherapy (New)

सूचना : / Instructions

(१)

नीचे दृशविले निशानीवाणी विगतो उत्तरवली पर अवश्य लपववी.
Fill up strictly the details of signs on your answer book

Name of the Examination:

B. Physiotherapy (SY)

Name of the Subject :

Electrotherapy (New)

Subject Code No.: **2106000302040002**

Seat No.:

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Student's Signature

SET - III

SECTION - I

Q-1

LONG ANSWERS. (ANY 1)

(40)

(10)

1. Define Iontophoresis. Describe its principles of treatment, indications and contraindications.

OR

2. Define Cryotherapy. Explain its principle, methods of application and dangers.

Q-2

SHORT ESSAY. (ANY 3)

(15)

1. What is Didynamic current? Methods of application of Didynamic current.
2. Mechanism of production of LASER and its types
3. Faradic foot bath
4. Types of UVR

Q-3

SHORT ANSWER. (ANY 5)

(15)

1. SD Curve
2. Contraindications & dangers of sinusoidal current
3. Contrast Bath
4. Anodal - Cathodal Galvanism

5. Russian Current
6. Phonophoresis and its implication

SECTION - II

Q-1 What are the characteristics of Galvanic Current? Describe the physiological effect and the therapeutic uses of galvanic current. **(10)**

OR

Q-1 Principles and composition of Wax bath Therapy unit. And explain its various methods of application.

Q-2 **SHORT ESSAY. (Any 3 out of 4)** **(15)**

1. Principles of placement and spacing of electrodes in SWD.
2. Mechanism of production of US and its methods of applications.
3. Test Dosage and calculation of UVR
4. Heat versus Cold

Q-3 **SHORT ANSWERS. (Any 5 out of 6)** **(15)**

- a. Types of IFC
 - b. Chronaxie and Rheobase
 - c. Coupling media
 - d. Hydro collator packs
 - e. HVPC for treating wounds and burns out of water and in water method.
 - f. Types of IRR Generators
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