

Electro Therapy-II

M.M. : 90

Time : 3 Hours

Section - A

All questions are compulsory. Answer to each question upto 5 lines in length. Each question carries 2 Marks.

[20]

1. Electric Current.
2. Piezo Electric crystal.
3. Wave length used in Short Wave Diathermy.
4. Frequency of Ultrasound Waves.
5. Faradic Foot Bath.
6. Cryotherapy.
7. Rheobase.
8. Electric Burn.
9. Vasoconstriction.
10. Techniques of application of Ultrasound therapy.

Section - B

Attempt any 8 questions. Answer to each question upto 2 pages in length. Each questions carries 5 Marks.

[40]

1. Write about the concept of Medium Frequency current therapy.
2. What are the biophysical effects of Ultrasound Waves.
3. Comment on the therapeutic effects of Cryotherapy.
4. Write about the properties of Sound Waves.
5. Describe the techniques of applications of Short Wave Diathermy.
6. Write about the contra-indications of Interferential therapy.
7. Explain the Biophysical effects of Laser.
8. What is therapeutic mechanical Pressure. Explain.
9. What are the therapeutic effects of Micro Wave Diathermy.
10. Write about E.M.G.
11. Compare and contrast the Bio-physical effects of Heat and Cold treatments.
12. Explain the use of electrical currents for Diagnostic and Prognostic purposes.

Section - C

Attempt any 2 questions. Answer to each question upto 5 pages in length. Each questions carries 15 Marks.

[30]

1. Comment on the principles and indications of Biofeedback.
2. Describe in detail the production and indications of Short Wave Diathermy.
3. Write about the Physical principles of Electro Magnetic Radiation.
4. What is the range of frequency used in production of Interferential therapy. Describe in detail the therapeutic use of various frequency ranges produced in Interferential therapy.