

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. What is nerve impulse.
2. Define Vasodialatation.
3. Step down transformer in SWD machine.
4. Function of Co-axial cable in Ultrasound.
5. What is H-reflex.
6. Mention any two uses of Kromayer lamp.
7. Define Convection.
8. What is Acoustic streaming.
9. Define potential gradient.
10. What is Iontophoresis.

Section - B

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

[40]

1. What are the physiological effects of LASER.
2. Write the physiology of the muscle contraction.
3. What is Phonophoresis.
4. What are the uses of Biofeedback.
5. Mention the various methods of Ultrasound application.
6. Write any five contraindication of Short Wave Diathermy.
7. Describe Wallerian Degeneration?
8. Write about the method of application of Faradic foot bath.
9. What is Coupling media.
10. Describe the strength duration curve.
11. Define Russian current.
12. What are the physiological effects of Low frequency current.

Section - C

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

[30]

1. What is Intermittent Compression therapy. Write therapeutic effects and indications of the same.
 2. What is Bio-feedback. What are the therapeutic effects of Bio-Feedback & mention the contraindications of the same?
 3. Write the production of LASER and mention the therapeutic effects of the LASER? What are the precautions to be taken during Laser application.
 4. Write the therapeutic effects of the Ultrasound and mention various techniques used during the Ultrasound application.
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