

Second Year B. Physiotherapy Examination
Electrotherapy - I & II

Date : 12-12-2023, Tuesday]
Time : 3 Hours]

[Max. Marks : 80

- Instructions : (1) Figure to the right indicate marks.
(2) Write legibly.
(3) Draw diagrams wherever necessary.
(4) Use Separate answer book for each section.

Section I

Q 1 What is SWD? Write down therapeutic effects of SWD. Explain its contraindications & dangers. (15 Marks)

OR

Q 1 Define US .how to test the US machine? Explain in detail about principles of application of US. (15 Marks)

Q2 Write short Notes (Any Three) (15 Marks)

1. Write down the difference between Non -luminous IR & Luminous IR
2. PUVA
3. LWD
4. Whirlpool bath

Q3 Write short Notes (Any two) (10 Marks)

1. Define wound .write down physiotherapy management of wound .
2. Mechanism of action of PSWD
3. Define LASER. Describe about Ruby LASER

Section II

Q. 4 Define TENS. Write down in detail about the different types of TENS with their mechanism of action. (15 Marks)

OR

What is IFT .Explain its parameters .write down the principles of application of IFT.

Q. 5 Write short Notes (Any Three) (15 Marks)

1. Russian current
2. Faradic foot bath
3. Application of IFT for pelvic floor muscles strengthening
4. Combination therapy

Q. 6 Write short Notes (Any Two) (10 Marks)

1. Write down the Physiological & therapeutic effects of Surged faradic current
2. Ions used in different conditions in Iontophoresis
3. Properties of water