

FOURTH B.N.Y.S. DEGREE EXAM - FEBRUARY 2013

PAPER V - PHYSIOTHERAPY

Q.P. CODE: 821527

Time: Three Hours

Maximum Marks: 100

ANSWER ALL QUESTIONS

I. ESSAY QUESTIONS:

2 X 15= 30

1. Define starting position. Explain its types in detail.
2. Explain in detail about application, production, physiological effects, indication and Contra- indication of ultrasound therapy.

II. SHORT NOTES:

10 X 5= 50

1. Write about Frenkle's and Mckenze's exercise
2. What is Transformer? Explain its types.
3. Physiotherapy management for Spastic Hemiplegia
4. Explain the technique of mobilizing shoulder and hip joint
5. Draw a diagram of motor points of hand and leg
6. Write the principles of giving relaxed passive movement
7. Write the application and therapeutic effects of Ultraviolet radiation
8. What is capacitor? Explain its types
9. Write the techniques of application of paraffin wax bath therapy
10. Write the Indications of short wave diathermy

III. SHORT ANSWERS

10 X 2= 20

1. Define Coulomb's law
2. Define Ohm's law
3. Define Lenz law
4. What is Rheostat?
5. What is Goniometry?
6. Write briefly about Luigi Galvani
7. Define Iontophoresis
8. Define velocity
9. What are the types of diathermy?
10. Write the effects of wax therapy.
