

APRIL 2000

[KB 1411]

B.N.Y.S. DEGREE EXAMINATION.

(Old Regulations)

Second Year

Part II

Paper III — MASSAGE, REFLEXOLOGY EXERCISE  
ELECTROTHERAPY (PHYSIOTHERAPY)  
ACUPRESSURE

Time : Three hours                      Maximum : 100 marks

Answer ALL questions.

Write Section A and Section B in separate  
answer books.

SECTION A

1. Describe in detail the physiological effects of massage upon the nervous system. (10)
2. Write in detail about Friction, the different forms of friction and its physiological and therapeutic effects. (10)
3. Diagrammatic representation of Reflex areas on the foot. (10)
4. Write short notes on : (4 × 5 = 20)
  - (a) Snebana
  - (b) Abdominal massage
  - (c) Joint movements
  - (d) Massage of chest.

SECTION B

5. Write about the electrical stimulation of the nerves and muscles using faradic and galvanic currents. (10)
6. Proprioceptive Neuromuscular facilitation. (10)
7. Role of a physiotherapist in attaining muscle strength. (10)
8. Write short notes on : (4 × 5 = 20)
  - (a) Relaxation
  - (b) Active movements
  - (c) Raptamopshane
  - (d) Mechanical principles and their applications.

OCTOBER 2000

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ACUPRESSURE

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Write Section A and Section B in  
separate answer books.

SECTION A

1. Describe in detail the physiological effects of massage upon the circulatory system. (10)
2. Write in detail about percussion, different forms of percussion and its physiological effects and therapeutic applications. (10)
3. Discuss in detail about the joint movements. (10)

4. Write short notes on : (4 × 5 = 20)
  - (a) Massage of back
  - (b) Rolling
  - (c) Passive touch
  - (d) Types of stroking.

SECTION B

5. Write aims of means of exercise therapy in spinal cord disorders. (10)
6. Role of a physiotherapist in in-coordination. (10)
7. Write about the electrical stimulation of the nerves and muscles using faradic and galvanic currents. (10)
8. Write short notes on : (4 × 5 = 20)
  - (a) Cryo therapy
  - (b) Wax bath
  - (c) Passive movements
  - (d) Mechanism of the pain gate-pain modulation.