ELECTROTHERAPY

Total Duration - Section A + B = 3 Hours
Total Marks - 30

SECTION A & SECTION B

Instructions: 1) Use blue/black ball point pen only.
2) Do not write anything on the blank portion of the question paper. If written anything such type of act will be considered as an attempt to resort to unfair means.
3) All questions are compulsory.
4) The number to the right indicates full marks.
5) Draw diagrams wherever necessary.
6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
7) Use a common answer book for all Sections.

SECTION - A

SAQ (50 Marks)

1. Short answer question (any five out of six):
   (5x3=15)
   a) Three differences between faradic and galvanic currents.
   b) Standing waves in ultrasound.
   c) Faradic foot bath.
   d) Types of T.E.N.S.
   e) Note on Microcurrents.
   f) Motor point.

2. Short answer question (any five out of six):
   (5x7=35)
   a) Differentiate between luminous and non-luminous I.R.R.
   b) Physiological effects of interrupted direct current.
   c) LASER in wound healing.
   d) Physiological effects of I.R.R.
   e) Classify standard doses of U.V.R. based on erythema reaction and list the skin types.
   f) Discuss types of LASER.

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4. Long answer question (any one out of two):

a) Describe the types of TENS with its parameters. Also write about its technique of application and contraindications.

b) Explain the principle and production of interferential currents. Write in details the physiological effects and indications of the same. State the importance of four pole vector programme.