DATTA MEGHE COLLEGE OF PHYSIOTHERAPY

ELECTROTHERAPY & ELECTRODIAGNOSIS

Date: 29/01/2019
Total Duration: 3 Hours
Time: 10:00 AM to 1:00 PM
Total Marks: 80

SECTION A AND 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 answerbook for all Sections

SECTION- A SAQ (50 Marks)

1. Short Answer Question (any five out of six) (5 X 3 = 15)
   a) Write any three differences between galvanic and faradic current.
   b) Name any three ions with their polarity and indication used in iontophoresis
   c) Draw a neat & labeled diagram of motor points of the face.
   d) Write down different types of Diadynamic current
   e) Define beat frequency
   f) Uses of strong surged faradic current

2. Short Answer Question (any five out of six) (5 X 7 = 35)
   a) Write principal, methods and uses of Biofeedback
   b) Describe various types of TENS
   c) Write a note on Accomodation
   d) Explain in detail the rationale & treatment of faradism under pressure
   e) Describe the production of TENS
   f) Explain the technique of faradic foot bath for lumbricals

P.T.O

https://www.onlinesir.com
SECTION – B  LAQ (30 Marks)

3. Long Answer Question (any one out of two):
   (1x15=15)
   a) Define pain. Explain pain pathway and add a note on pain gate mechanism (2+8+5)
   
   b) Define IFT and add a note on physiological effects and method of application (3+7+5)

4. Long Answer Question (any one out of two):
   (1x15=15)
   a) Describe the physiological and therapeutic effects of faradic current & add a note of principles and technique of application of faradic re-education (5+5+5)

   b) Enumerate the various currents used for stimulating the muscle. Explain the procedure for motor point stimulation for flexor Carpi Radialis. Enlist contraindications for the same (3+5+7)