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Second B.P.Th 2012 Examination, Summer 2017
ELECTROTHERAPY

Total Duration : Section A + B = 3 Hours

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" SAO (50 Marks)

1. Short answer question (any five out of six) : (5x3=15)

- Draw a neat and labelled diagram of motor points of the face.
- Name any three ions with their polarity and indication used in iontophoresis.
- Describe various electrodes used in SWD.
- Describe the mechanism of accommodation,
- Properties of LASER.
- Describe in brief High Voltage pulsed galvanic currents.

2. Short answer question (any five out of six) : (5x7=35)

- Describe the various types of TENS.
- Explain EMG biofeedback with examples.
- Write on PUVA and Leeds regime.
- Explain wound healing using LASER.
- Describe different types of IR.
- Explain in details the rationale and treatment technic of faradism pressure.

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SECTION "8" LAO (30 Marks)

3. Long answer question (any one out of two) (1x15=15)

- Define ultrasound. Write in details its treatment methods. Add on its physiological effects.
- Write in details the methods of application of SWD. Add on its contraindications and therapeutic effects.

4. Long answer question (any one out of two) : (1 x 15=15)

Define a strength duration curve
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- Define IF f. Write its methods o application, indications and contraindications.

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Describe
strength

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duration