SECTION – B & SECTION – C

Instructions:  
1) All questions are compulsory.  
2) The numbers to the right indicate full marks.  
3) Draw diagrams wherever necessary.  
4) Answer each Section in the respective answer sheet only.  
5) Answers written in the inappropriate sectional answer books will not assessed in any case.

SECTION – B

2. Answer any 5 out of 6:  
   a) Monode electrode of SWD.  
   b) Therapeutic uses of Laser.  
   c) Facilitation of muscle contraction with Faradism.  
   d) Ions used in iontophoresis  
   e) Photosensitisation of UVR.  
   f) Water bag technique of ultra sound.

   (5×3 = 15)

3. Answer any 3 out of 4:  
   a) Dangers of Infra red radiations.  
   b) Uses of ultra sound.  
   c) Compare luminous and nonluminous infra red.  
   d) Uses of cryotherapy.

   (3×5 = 15)

SECTION – C

4. Discuss physiological effects and indications of UVR.  
   (7+8)

5. Explain S-D curve in detail.  

   OR

   Explain electrodeplacement of tens and add a note of indications and contraindications.

   (7+4+4 = 15)