

**LIFELINE INSTITUTE OF PHYSIOTHERAPY**

**SECOND INTERNAL EXAMINATION**

**Subject- ELECTROTHERAPY**

**Time: 15min**

**Date:**

INSTRUCTIONS: Read each statement carefully and ENCIRCLE the LETTER of the correct answer.

**MULTIPLE CHOICE QUESTIONS**

**1×10=10 Marks**

1. Sound waves cannot travel through
  - a) Solid
  - b) Water
  - c) Vacuum
  - d) Gas
  
2. Medium frequency currents fall within range
  - a) 10-100 Hz
  - b) 100-1000 Hz
  - c) 1000-10000 Hz
  - d) 10000-100000 Hz
  
3. To absorb exudates IFT fixed in frequency of
  - a) 1-10 Hz
  - b) 10-100 Hz
  - c) 100-1000 Hz
  - d) 30-50 Hz
  
4. Advantage of IFT, includes all except
  - a) IFT don't produce sensory nerve irritation
  - b) IFT is suitable to treat deep layers of tissues
  - c) IFT has properties of direct current
  - d) IFT covers extensive areas
  
5. Tridymite is formed due to some of the \_\_\_\_\_ changing to other form of silica
  - a) Quartz
  - b) Mercury
  - c) Argon
  - d) Crystal

6. Deep heating agents usually have depth of penetration of about
- a) 3 cm
  - b) 4 cm
  - c) 5 cm
  - d) 7 cm
7. Composition of wax, liquid paraffin is mixed with mineral oil in the ratio
- a) 4:1
  - b) 3:1
  - c) 7:1
  - d) 8:1
8. Thermostatically controlled container can heat the paraffin
- a)  $45^{\circ}$ - $49^{\circ}$  C
  - b)  $51^{\circ}$ - $55^{\circ}$  C
  - c)  $54^{\circ}$ - $59^{\circ}$  C
  - d)  $50^{\circ}$ - $62^{\circ}$  C
9. The hydrocollator pack temperature
- a)  $65^{\circ}$ - $80^{\circ}$  C
  - b)  $70^{\circ}$ - $80^{\circ}$  C
  - c)  $80^{\circ}$ - $90^{\circ}$  C
  - d)  $30^{\circ}$ - $40^{\circ}$  C
10. Ultrasound intensity unit is called
- a) Ohm
  - b) Watt
  - c) Joule
  - d) Farad

**LIFELINE INSTITUTE OF PHYSIOTHERAPY**

**SECOND INTERNAL EXAMINATION**

**Subject- KINESIOTHERAPY**

**Time: 1 hour 15min**

**SHORT ANSWER QUESTIONS (any 4)**

**4×5=20 Marks**

1. Describe the production of ultrasound. Draw a panel diagram of ultrasound.
2. Describe the physiological effects and uses of cryotherapy.
3. Describe the production of SWD. Draw panel diagram of SWD.
4. Explain the details about paraffin wax bath. Write down the methods of application of paraffin wax bath. Add contraindication.
5. Describe the production of interferential (IF) current. Draw a neat diagram labelled diagram of IFT unit.