Assignment 7

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

Due on 2019-04-17, 23:59 IST.

1) In Induction welding, joints must be designed in:
   - Peel
   - Butt
   - Shear
   - All of these

   No, the answer is incorrect.
   Score: 0
   Accepted Answers: Shear

2) Ultrasonic welding is used for the joining of:
   - Thermoplastics
   - Thermosets
   - Both (a) and (b)
   - None of these

   No, the answer is incorrect.
   Score: 0
   Accepted Answers: Thermoplastics

3) Ultrasonic frequency is around:
   - 20-30 KHz
   - 20-40 KHz
   - 20-60 KHz
   - 20-80 KHz

   No, the answer is incorrect.
   Score: 0
   Accepted Answers: 20-40 KHz
5) Microwaves are electromagnetic waves with wavelengths in range of;  
- 1-100 mm  
- 1-1000 mm  
- 1-10000 mm  
- None of these  
No, the answer is incorrect. 
Score: 0  
Accepted Answers:  
- high magnitude, low

6) Microwave joining is used for the joining of:  
- Thermosets  
- Thermoplastics  
- Both (a) and (b)  
- None of these  
No, the answer is incorrect. 
Score: 0  
Accepted Answers:  
- Thermoplastics

7) Which type of joint is a better joint configuration for microwave joining?  
- Lap joint  
- Butt joint  
- Both (a) and (b)  
- None of these  
No, the answer is incorrect. 
Score: 0  
Accepted Answers:  
- Lap joint

8) Distance from the edge of a hole to a vertical surface or another hole should be at least _______ times the thickness of the part (where T is the sheet thickness);  
- 2T+3  
- T+3  
- Four  
- Two  
No, the answer is incorrect.
9) In which type of joining process, the coil is energized with a radio frequency electric current?  

- Ultrasonic welding
- Induction welding
- Vibration welding
- Spin welding

No, the answer is incorrect.

Score: 0

Accepted Answers:
- Induction welding

10) In ultrasonic welding, greater joint strength can be obtained in case of;

- Butt joint with unbeveled edge
- Step joint
- Lap joint
- Tongue and groove joint

No, the answer is incorrect.

Score: 0

Accepted Answers:
- Tongue and groove joint