Assignment 4

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment. Due on 2019-03-27, 23:59 IST.

1) Solid-liquid based joining processes is

- Soldering
- Gas welding
- Gas tungsten arc welding
- Gas metal arc welding

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

2) Soldering/Brazing offers advantage of

- Joining of metallurgically incompatible materials
- Welding in odd positions
- Low heat input
- All of above

No, the answer is incorrect.
Score: 0
Accepted Answers:
All of above

3) The factor which does not affect soldering process is

- Clearance and orientation of sheets
- Melting point of base metal
- Cleanliness
- Metallurgical compatibility of base metal and solder

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5) Pressure is applied on electrodes in resistance spot welding to
- Facilitate plastic deformation
- Ensure firm contact
- Avoid sparking and arcing
- Both b and c

No, the answer is incorrect.
Score: 0
Accepted Answers:
Both b and c

6) With increase in current in resistance spot welding, tensile shear load carrying capacity
- Increases continuously
- Decreases continuously
- Increases then decreases
- Decreases then increases

No, the answer is incorrect.
Score: 0
Accepted Answers:
Increases then decreases

7) The joining process used for developing the gas tight joints
- Spot welding
- Seam welding with 10% overlap
- Riveting
- Seam welding with more than 50% overlap

No, the answer is incorrect.
Score: 0
Accepted Answers:
Seam welding with more than 50% overlap

8) Current flows through very thin layer of the substrate surface in case of
- Spot welding
- Seam welding
- Continuous seam welding
- High frequency welding

No, the answer is incorrect.
Score: 0
Accepted Answers:
High frequency welding

9) During flash butt welding, the stage in which the current supplied will be maximum and constant for longer time

- Preheating
- Flashing
- Upsetting
- Holding

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

10) Displacement of workpiece during flash butt welding will be maximum during

- Preheating
- Flashing
- Upsetting
- Holding

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