Assignment 10

The due date for submitting this assignment has passed.  Due on 2018-04-04, 23:59 IST.

Submitted assignment

1) The electrodes used in arc welding are coated. Which of the following is not the function of such coating?
   - Provide protective atmosphere to weld
   - Stabilize the arc
   - Provide alloying elements to improve strength and physical properties of the weld metal
   - Prevent electrode from contamination

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Prevent electrode from contamination

2) Which of the following arc welding process does not use consumable electrode?
   - Gas metal arc welding
   - Submerged arc welding
   - Gas tungsten arc welding
   - Flux coated arc welding

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Gas tungsten arc welding

3) In welding process, penetration is increased by
   - Increasing current and decreasing speed
   - Decreasing both current and speed

   Score: 0

Accepted Answers:

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Increasing current and decreasing speed

4) The joint configuration best suited for adhesive bonding is
- Butt
- Fillet
- Lap
- Spot

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

5) In resistance welding, heat is generated due to the resistance between
- Electrode and workpiece
- Asperities between touching plates
- Two dissimilar metals being in contact
- Interatomic forces

No, the answer is incorrect.
Score: 0
Accepted Answers:
Asperities between touching plates

6) Continuous type spot welding is known as
- Projection welding
- Friction welding
- Submerged arc welding
- Seam welding

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

7) Joining by making raised portions on one of the component where weld nugget is to be made is called as
- Friction welding
- Projection welding
- Submerged arc welding
- Seam welding

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

8) Which of the following statement is/are correct for Arc welding process?

(i) In arc welding processes, an electric arc is maintained between an electrode and a workpiece (or between two electrodes) is utilized to heat the
9) Which of the following statement is/are correct for Friction welding? 1 point

(i) It is a solid state welding process that produces a weld under compressive force contact of workpieces rotating or moving relative to one another to produce heat and plastically displace material from the faying surfaces.

(ii) In Friction welding filler metal, flux or shielding gas is used.

10) Choose the Welding process with the corresponding heat source generated by the process. 1 point

<table>
<thead>
<tr>
<th>Process</th>
<th>Heat source</th>
</tr>
</thead>
<tbody>
<tr>
<td>(A) Seam welding</td>
<td>(i) Electric arc</td>
</tr>
<tr>
<td>(B) MIG welding</td>
<td>(ii) Solid state joining</td>
</tr>
<tr>
<td>(C) Friction welding</td>
<td>(iii) Ohmic resistance</td>
</tr>
</tbody>
</table>

- A-iii, B-i, C-ii
- A-iii, B-ii, C-i
- A-ii, B-iii, C-i
- A-i, B-ii, C-iii

No, the answer is incorrect.
Score: 0

Accepted Answers:
A-iii, B-i, C-ii