Assessment 06

The due date for submitting this assignment has passed. As per no records you have not submitted the assignment.

1. Arrange the following welding processes based on decreasing order of the heat source efficiency i.e. SMAW, GTAW, SAW and GMAW
   - ESW (SMAW) < GMAW < GTAW < SAW
   No. the answer is incorrect. Score: 0
   Accepted Answers:
   — SAW, — GTAW, — SMAW, — GMAW

2. Which of the following welding processes has lowest heat source efficiency?
   - Laser beam welding
   - Plasma arc welding
   - Submerged arc welding
   - Electroslag welding
   No. the answer is incorrect. Score: 0
   Accepted Answers:
   — Laser beam welding
   — Plasma arc welding

3. Making efficiency is 80%, 90%, 100%, and 110% for TIG welds for different class of material. Which one is correct?
   - 80% for TIG welds
   - 90% for TIG welds
   - 100% for TIG welds
   - 110% for TIG welds
   No. the answer is incorrect. Score: 1
   Accepted Answers:
   — 90%

4. Melting efficiency is calculated in terms of "A" and "B", where A is melt required, B is melt base and "M" is melt supplied to the work piece.
   - X
   - Y
   - XY
   No. the answer is incorrect. Score: 1
   Accepted Answers:
   — XY

5. H-Cladding is carried out in the category of:
   - Neutral flame
   - Acetylene flame
   - tutor
   - Hydrogen flame
   No. the answer is incorrect. Score: 1
   Accepted Answers:
   — Acetylene flame

6. Arcing a neutral, reducing and oxidizing flame which one has the lowest peak temperature?
   - Neutral flame
   - Reduced flame
   - Oxidizing flame
   - None of these
   No. the answer is incorrect. Score: 2
   Accepted Answers:
   — None of these

7. In (loympiem) groove welding for the complete constriction of Co.
   - 1/5th proportion of the Co comes from cylinder
   - 2/5th proportion of the Co comes from cylinder
   - 3/5th proportion of the Co comes from cylinder
   - 5/5th proportion of the Co comes from cylinder
   No. the answer is incorrect. Score: 2
   Accepted Answers:
   — 5/5th proportion of the Co comes from cylinder

8. Effect of welding speed on on melting efficiency
   - With decreases in the melting efficiency increases.
   - With increases in the melting efficiency increases.
   - Have no effect on melting efficiency
   - All of these
   No. the answer is incorrect. Score: 2
   Accepted Answers:
   — Have no effect on melting efficiency

9. Increase in arc voltage leads to
   - Penetration
   - Gap
   - Forth the weld head
   - All of these
   No. the answer is incorrect. Score: 2
   Accepted Answers:
   — All of these

10. If the current for a given welding speed is too high, it will result in
     - Excessive penetration
     - Damage of metal surface
     - Higher heat input to work piece being joined
     - All of these
     No. the answer is incorrect. Score: 2
     Accepted Answers:
     — All of these