Unit 5 - Week 4

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) Generally, under matching fillers are preferred

- In butt weld joint configuration
- To reduce residual stress/distortion tendency
- To deal with contraction strain imposed during welding
- Both b and c

No, the answer is incorrect. Score: 0

Accepted Answers:
Both b and c

2) Stress relieving treatment is performed

- Before welding of the plates
- Above the lower critical temperature
- Below the lower critical temperature
- In between lower and upper critical temperature

No, the answer is incorrect. Score: 0

Accepted Answers:
Below the lower critical temperature

3) The process using which we need to supply lowest heat input for developing a weld joint is

- Gas welding
- Gas metal arc welding
- Plasma arc welding
- Electron beam welding

No, the answer is incorrect. Score: 0

Accepted Answers:
Electron beam welding

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5) Single pass welding of plates having thickness 150 mm can be achieved by

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

6) Rapid cooling of weld joint after gas welding in general will help in

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

7) With increase in thickness of sheet metals to be joined during resistance spot welding, the electrode face diameter should

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

8) Tempering current in resistance spot welding is

No, the answer is incorrect.
Score: 0
9) Poor surface roughness in thermal cutting with air jet of high cutting steels is caused by

- Oxidation caused by air jet
- Removal of oxides
- Heat treatment of cut edge
- Martensitic transformation

No, the answer is incorrect.
Score: 0

Accepted Answers:
- Oxidation caused by air jet

10) With increase in carbon content in high strength low alloy steels

- Toughness will increase and hardness/strength will decrease
- Toughness will decrease and hardness/strength will increase
- Toughness, hardness and strength will increase
- Toughness, hardness and strength will decrease

No, the answer is incorrect.
Score: 0

Accepted Answers:
- Toughness will decrease and hardness/strength will increase