Assignment 7

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

INSTRUCTIONS:
(a) The marks that each question carries is marked against the question.
(b) There can be more than one correct answers for a question.

1) Weld decay occurs in the following alloys
   - 304 stainless steel
   - 410 stainless steel
   - Carbon steel
   - Brass
   - Titanium metal
   No. the answer is incorrect.
   Score: 0
   Accepted Answers:
   304 stainless steel
   410 stainless steel

2) Stainless steel having a similar carbon content becomes most susceptible to intergranular corrosion if it is
   - Ferritic
   - Austenitic
   - Duplex
   - Martensitic
   No. the answer is incorrect.
   Score: 0
   Accepted Answers:
   Ferritic

3) Stainless steel having a similar carbon content becomes most susceptible to intergranular corrosion if it is
   - Ferritic
   - Austenitic
   - Duplex
   No. the answer is incorrect.
   Score: 0
   Accepted Answers:
   Duplex

4) For welding thick steels/pipes the following stainless steels cannot be used
   - 304L, SS
   - 316, SS
   - 340 SS
   No. the answer is incorrect.
   Score: 0
   Accepted Answers:
   304L, SS
   316, SS
   340 SS

5) A stainless steel cannot be made resistant to intergranular corrosion by
   - Mainly increasing its Cr content
   - Adding Ti to it
   - Adding Nb and Ta to it
   - Mainly lowering its C content
   No. the answer is incorrect.
   Score: 0
   Accepted Answers:
   Mainly increasing its Cr content

6) Which of the following metals/elements suffer pitting corrosion in seawater?
   - 304 stainless steel
   - Aluminum
   - Carbon steel
   - Brass
   - Titanium metal
   No. the answer is incorrect.
   Score: 0
   Accepted Answers:
   304 stainless steel
   Aluminum

7) In principle it is possible to weld a thin sheet of 304 SS without causing IG.
   - Yes
   - No
   No. the answer is incorrect.
   Score: 0
   Accepted Answers:
   Yes

8) Desalting processes increases in the order
   a. Cu-15% Zn
   b. Cu-10% Zn
   c. Cu-15% Al
   d. Cu-10% Al
   Choose the correct one
   - c + d = e + b
   - c + a = e + b
   - c + a + b = d
   - d + b + c
   No. the answer is incorrect.
   Score: 0
   Accepted Answers:
   c + a + b = d

9) Some of the following do not affect erosion corrosion
   - Incorodibility of alloying element
   - Passivating tendency of the alloy
   - Alloying elements to increase hardness of the alloy
   - Significance in the pipeline
   None of the above
   No. the answer is incorrect.
   Score: 0
   Accepted Answers:
   None of the above