Assignment 1

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

Either One or Two Solutions are Correct for Each Question:
When One Solution is Correct, choice of only the Correct One will give 100% mark. Choice of more than One will result in ZERO mark.
When Two Solutions are Correct, choice of any of the TWO CORRECT will give 100% mark. Choice of more than Two will result in ZERO mark. Both Correct Solutions will get 50% mark.

1. The following are defects inherent in steel, select all that are true:
   a) Surface defect
   b) Inclusions
   c) Non-metallic inclusion
   d) Hot shortness
   e) Cold shortness

   Correct Answer: a, b, c

2. The following are characteristics of a "good quality steel":
   a) Low residual
   b) High strength
   c) Low cost
   d) Desired chemistry
   e) All of these

   Correct Answer: e

3. The material quality level achieved in a final steel product may originate from:
   a) Steelmaking
   b) Continuous casting
   c) Subsequent processing
   d) All of these

   Correct Answer: d

4. The undesirable quality of a final steel product may be manifested as:
   a) Surface defect
   b) Inclusions
   c) Non-metallic inclusion
   d) Hot shortness
   e) Cold shortness

   Correct Answer: a, b, c, d, e

5. Surface treatment on hot rolled and pickled steel is normally due to:
   a) Straightening
   b) Annealing
   c) Heat treatment
   d) None of these

   Correct Answer: a, b, c, d

6. The microstructure of steel with undesirable quality can identify:
   a) Steel chemistry
   b) Genesis of inclusions
   c) Initial microstructures
   d) None of these

   Correct Answer: a, b, c

Due on: 2020-02-12, 23:59 IST.