Assignment 6

The due date for submitting this assignment has passed.
An extra 2% per day for the first 3 days and 5% for the next 2 days after the due date has passed. Thereafter, you will lose all marks.

Due on 2020-01-11, 23:59:59 IST.

1) The following is a possible defect defined in continuously cast steel:
   - Quality lapses
   - Pit holes
   - Deformation
   - Scale
   Accepted Answers:
   - Full mark
   - Partial mark
   - No answer

2) The following major factor can influence the quality of cast steel:
   - Carbon content
   - Oxygen content
   - Temperature
   - Viscosity
   Accepted Answers:
   - Full mark
   - Partial mark
   - No answer
   Full mark
   Display

3) The upper limit of dissolved steel is related to three (3) of saturation in this way:
   - Above 95%
   - Above 100%
   - Below 90%
   - None of the above
   Accepted Answers:
   - Full mark
   - Partial mark
   - No answer
   Partial mark
   Display

4) The following is responsible for formation of gas holes in cast steel:
   - High nitrogen
   - High oxygen
   - Low carbon
   - High carbon
   Accepted Answers:
   - Full mark
   - Partial mark
   - No answer
   Full mark
   Display

5) Which flux used for slag and breeze control contains the following in it:
   - Calcium oxide
   - Limestone
   - Soda ash
   - None of the above
   Accepted Answers:
   - Full mark
   - Partial mark
   - No answer
   Full mark
   Display

6) Silicification structure of cast steel depends on the following:
   - Temperature
   - Oxidation
   - Slag content
   - Solidification rate
   Accepted Answers:
   - Supplied
   - Solidification rate
   - None of the above
   - Supplied
   Display

7) The following are undesirable with respect to oxidation marks on cast product:
   - Pinholes
   - Inclusions
   - Blowholes
   - Solidification rate
   Accepted Answers:
   - Full mark
   - Partial mark
   - No answer
   Full mark
   Display

8) Silicon content of various steel grades is expressed in percent in cast steel depends on:
   - Low grade
   - Medium grade
   - High grade
   - None of the above
   Accepted Answers:
   - Low grade
   - Medium grade
   - High grade
   - None of the above
   Display

9) The diameter size measured by the same diameter of a casting depends on:
   - Average heat transfer
   - Local heat transfer
   - None of the above
   Accepted Answers:
   - Full mark
   - Partial mark
   - No answer
   Full mark
   Display

10) The diameter size measured by the same diameter of a casting is:
    - Greater than size
    - Equal to size
    - Smaller than size
    - None of the above
    Accepted Answers:
    - Full mark
    - Partial mark
    - No answer
    Full mark
    Display