Assignment 7

Due on 2023-03-16, 23:59 IST.

1. The variety of cast iron that has maximum hardness is:
   - Grey iron
   - Malleable iron
   - Ductile iron
   - White iron
   1 point

2. To produce sound steel castings, the molten metal must be thoroughly killed. In other words, molten metal should be:
   - Oxygenated
   - Degassed
   - Decarburized
   - Deoxidized
   1 point

3. The variety of cast iron that has maximum ductility is:
   - Grey iron
   - Malleable iron
   - White iron
   - Ductile iron
   1 point

4. Solubility of gases in the melt increases as the temperature:
   - Increases
   - Decreases
   - Remains constant
   - Remains unaffected by pressure
   1 point

5. Which one of the following is used as a grain refiner in magnesium alloy?
   - Silicon
   - Silicon Carbide
   - Phosphorus
   - Tin
   1 point

6. Which one of the following is an example of a high-temperature alloy?
   - Stainless steel
   - Inconel
   - Monel
   - Superalloy
   1 point

7. Which one of the following statements is correct related to malleable iron?
   - Malleable iron can be produced by the addition of magnesium to wrought iron cast iron
   - Malleable iron is obtained by annealing treatment of white cast iron
   - White cast iron is not necessary to obtain malleable iron
   1 point