Assignment 1

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

1. Rods fell under the category of
   - Temporary joining process
   - Semi-permanent joining process
   - Permanent joining process
   - None of these
   No, the answer is incorrect, Reason: C
   Accepted Answer: Semi-permanent joining process

2. Clay electrolyte welding is a type of
   - Gas welding
   - Resistance welding
   - Thermit welding
   - None of these
   No, the answer is incorrect, Reason: B
   Accepted Answer: Gas welding

3. A non-consumable electrode is used in
   - TIG welding
   - Gas welding
   - Resistance welding
   - Thermit welding
   No, the answer is incorrect, Reason: A
   Accepted Answer: TIG welding

4. Spot welding, Flash welding and Seam welding fell under the category of
   - Solid state welding
   - Laser beam welding
   - Arc welding
   - Resistance welding
   No, the answer is incorrect, Reason: D
   Accepted Answer: Arc welding

5. Which of the following statements are correct for phase diagram?
   No, the answer is incorrect, Reason: A
   Accepted Answer: Only (i) and (ii)

6. Which of the following statements are correct for the phase diagram of iron-carbon system?
   No, the answer is incorrect, Reason: B
   Accepted Answer: Both (i) and (ii)

7. In Fe-C phase diagram, y iron shows
   - BCC structure
   - FCC structure
   - HCP structure
   - None of these
   No, the answer is incorrect, Reason: A
   Accepted Answer: HCP structure

8. In non-carbon equilibrium diagram, Fe₃C exists in the form of
   - Austenite
   - Pearlite
   - Ferrite
   - Cementite
   No, the answer is incorrect, Reason: B
   Accepted Answer: Cementite

9. Lecithin is the combination of
   No, the answer is incorrect, Reason: D
   Accepted Answer: Fe₃C

10. Which of the following statements are correct for Gray cast iron?
   No, the answer is incorrect, Reason: C
   Accepted Answer: Only (i)

11. In Gray cast iron, higher percentage of carbon and silicon are present
   No, the answer is incorrect, Reason: B
   Accepted Answer: Only (i)

12. Cooling rate of Gray cast iron is higher as compared to white cast iron
   No, the answer is incorrect, Reason: D
   Accepted Answer: Only (i)