Unit 7 - Week 6

Assignment 6

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

Due on: 2020-03-11, 22:59:07.

1. Basic refractories
   - Are attacked by basic slags
   - Are not attacked by basic slags
   - Predominantly basic slags
   - None of the above
   Yes, the answer is incorrect. 0/1 point

2. Accepted Answer: None of the above

3. Which of the following metal components are preferably used in using chamber die casting processes?
   - Steel
   - Cast iron
   - Zirco
   - Stainless steel
   Yes, the answer is incorrect. 0/1 point

4. Accepted Answer: Stainless steel

5. The type of furnace in which heat is generated in the charge itself because of current is
   - Induction furnace
   - Resistance furnace
   - Shell furnace
   - None of the above
   Yes, the answer is incorrect. 0/1 point

6. Accepted Answer: Induction furnace

7. Acid refractories
   - Are attacked by acid slags
   - Are not attacked by acid slags
   - Produce acid slags
   - None of the above
   Yes, the answer is incorrect. 0/1 point

8. Accepted Answer: None of the above

9. Which of the following is an example of permanent mould casting process?
   - Investment casting process
   - Vacuum casting process
   - Pressure die casting process
   - Centrifugal casting process
   Yes, the answer is incorrect. 0/1 point

10. Accepted Answer: Centrifugal casting process

11. Which of the following casting processes, is used in a soap mold material?
    - Die casting process
    - Investment casting process
    - Centrifugal casting process
    - Vacuum casting process
    Yes, the answer is incorrect. 0/1 point

12. Accepted Answer: Centrifugal casting process

13. Match the following processes with characteristics given in the table below.

<table>
<thead>
<tr>
<th>Process</th>
<th>Characteristics</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Investment casting</td>
<td>Use of pattern to fill the chamber using vacuum</td>
<td>A &amp; D.</td>
</tr>
<tr>
<td>B. Centrifugal casting</td>
<td>Use of pattern to fill the chamber using vacuum</td>
<td>A &amp; D.</td>
</tr>
<tr>
<td>C. Die casting</td>
<td>Use of pattern to fill the chamber using vacuum</td>
<td>A &amp; D.</td>
</tr>
<tr>
<td>D. Vacuum casting</td>
<td>Use of pattern to fill the chamber using vacuum</td>
<td>A &amp; D.</td>
</tr>
</tbody>
</table>

14. Which of the following statements are true for permanent mould casting?
    (i) They provide better surface finish
    (ii) They are economical in short runs of production
    (iii) There is no limitation of casting to be produced
    (iv) High tooling cost means is probably used
    - A & B
    - A & C
    - B & C
    - A & B & C
    Yes, the answer is incorrect. 0/1 point

15. Accepted Answer: B & C

16. Which of the statements are true with regard to die casting used in the enamal?
    (i) Basic refractory react with basic slags
    (ii) Magnesia in basic refractory used in the enamal.
    (iii) Kiln is used in refractory lining when acidic slag is formed in the enamal.
    - A & B
    - A & C
    - B & C
    - A & B & C
    No, the answer is incorrect. 0/1 point

17. Accepted Answer: B & C