Assignment 3

Due on 2020-02-19, 23:59 IST.

1. The machinability of plastic materials depends upon the cutting tool material and rigidity of the material being cut.
   - True
   - False
   No, the answer is incorrect. 
   Score: 0
   Accepted Answers: True

2. No external pressure is required in transfer molding process.
   - True
   - False
   No, the answer is incorrect.
   Score: 0
   Accepted Answers: True

3. In rotational molding, the external surface finish of the product is exact replica of mold surface finish.
   - True
   - False
   No, the answer is incorrect.
   Score: 0
   Accepted Answers: True

4. The natural flax reinforced non-biodegradable polymeric composites are termed as fully green composites.
   - True
   - False
   No, the answer is incorrect.
   Score: 0
   Accepted Answers: True

5. Composite materials are used to achieve combination of properties not attainable with metals, ceramics and polymers alone.
   - True
   - False
   No, the answer is incorrect.
   Score: 0
   Accepted Answers: True

6. ________ is a high temperature and low pressure plastic forming process.
   - Compression molding
   - Blow molding
   - Rotational molding
   - Injection molding
   No, the answer is incorrect.
   Score: 0
   Accepted Answers: Rotational molding

7. ________ is widely used to enclose or encapsulate items such as plugs, connectors and pins.
   - Transfer molding
   - Blow molding
   - Rotational molding
   - All of these
   No, the answer is incorrect.
   Score: 0
   Accepted Answers: All of these

8. The different stages involved in the rotational molding process are mentioned below:
   - Heating
   - Clamping
   - Devolatilizing
   - Cooling
   The correct order of stages involved in the process is:
   - 2 > 1 > 4 > 3
   - 1 > 2 > 3 > 4
   - 1 > 2 > 4 > 3
   - All of these
   No, the answer is incorrect.
   Score: 0
   Accepted Answers: 1 > 2 > 4 > 3

9. Composite materials can be classified based on:
   - Matrix material
   - Type of reinforcement
   - Chemical nature of the reinforcement
   - All of these
   No, the answer is incorrect.
   Score: 0
   Accepted Answers: All of these

10. Generally, the filler constituent of a polymer matrix composite material is:
    - Reinforcement
    - Matrix
    - Both A and B
    - Can’t define
    No, the answer is incorrect.
    Score: 0
    Accepted Answers: Reinforcement