Assignment 5

The due date for submitting this assignment has passed.

Due on 2020-04-04, 23:59 IST.

1. Race transfer molding is generally suitable for manufacturing thermoplastic-based composite products where a curing reaction takes place within the mold cavity.
   a. True
   b. False
   c. None of these
   d. Both A and B
   
   Answer: d

2. Race transfer molding is also known as solid transfer molding.
   a. True
   b. False
   c. None of these
   d. Both A and B
   
   Answer: a

3. The correct statement in context of race transfer molding are:
   a. All of these
   b. 1 and 2
   c. 2 and 3
   d. 1 and 3
   
   Answer: b

4. Autoclave molding technique is similar to ________ with minor modifications.
   a. Vacuum bag molding
   b. Pressure bag molding
   c. None of these
   
   Answer: a

5. The number of filaments in filament winding is:
   a. 1
   b. 2
   c. 3
   d. 4
   
   Answer: a

6. Which of the following is (are) used to accelerate the polymerization process in reaction injection molding?
   a. Polystyrene
   b. Polylactides
   c. None of these
   d. All of these
   
   Answer: b

7. The correct statement(s) in context of autoclave molding are:
   a. All of these
   b. 1 and 2
   c. 2 and 3
   d. 1 and 3
   
   Answer: b

8. The reinforcement in the form of ________ is (are) generally used in structural reaction injection molding process.
   a. Undirectional lamina
   b. Multiaxial fabric
   c. Braided fabric
   d. None of these
   
   Answer: a

9. The correct statement(s) in context of filament winding are:
   a. All of these
   b. 1 and 2
   c. 2 and 3
   d. 1 and 3
   
   Answer: b

10. The correct statement(s) in context of autoclave molding are:
    a. All of these
    b. 1 and 2
    c. 2 and 3
    d. 1 and 3
    e. None of these
    
    Answer: a

11. The correct statement(s) in context of autoclave molding are:
    a. Both A and B
    b. Both A and C
    
    Answer: a

12. The function of an autoclave is to provide ________ to the composite product during curing.
    a. Heat
    b. Pressure
    c. Both A and B
    d. None of these
    
    Answer: c

13. The correct statement(s) in context of autoclave molding are:
    a. 1 and 2
    b. 1 and 3
    c. 1 and 4
    d. None of these
    
    Answer: a

14. The correct statement(s) in context of autoclave molding are:
    a. Both A and B
    b. Both A and C
    
    Answer: a