Unit 7 - Week 6

Assignment 6

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

1. Diffuse bonding is nearly applicable for thermoplastics.
   - True
   - False
   - No, the answer is incorrect.
   - Reused: 0
   - Accepted Answers: True

2. In adhesive joining, direct mechanical interlocking, bonding happens due to interlocking of adhesive and adherend.
   - True
   - False
   - No, the answer is incorrect.
   - Reused: 0
   - Accepted Answers: True

3. Joints of individual component needs several operations that fall under secondary processing of polymer composites.
   - True
   - False
   - No, the answer is incorrect.
   - Reused: 0
   - Accepted Answers: True

4. Special environment such as refrigeration is required for the storage of prepreg.
   - True
   - False
   - No, the answer is incorrect.
   - Reused: 0
   - Accepted Answers: True

5. The different types of adhesive joints are:
   - Double lap
   - Single lap
   - Strap lap
   - 1, 2, and 3
   - 1, 2, and 3
   - 1, 2, and 3
   - No, the answer is incorrect.
   - Reused: 0
   - Accepted Answers: True

6. The process used to enhance the surface energy on adhered surface is:
   - Plasma treatment
   - Ice treatment
   - Corrosion discharge treatment
   - All of these
   - No, the answer is incorrect.
   - Reused: 0
   - Accepted Answers: True

7. The correct statements in context of adhesive joining are:
   - Adhesive bonding usually requires extensive surface preparation before bonding.
   - Inspection of an adhesive bonded joint is difficult.
   - 1, 2, and 3
   - 1, 2, and 3
   - 1, 2, and 3
   - No, the answer is incorrect.
   - Reused: 0
   - Accepted Answers: True

8. The factors influencing the failure bonded joints are:
   - Molecular properties
   - Welding pressure
   - Healing duration
   - 1, 2, and 3
   - 1, 2, and 3
   - 1, 2, and 3
   - No, the answer is incorrect.
   - Reused: 0
   - Accepted Answers: True

9. Maintenance, induction and microwave welding, falls under the broad area of:
   - Friction welding
   - Electro-magnetic welding
   - Thermal welding
   - All of these
   - No, the answer is incorrect.
   - Reused: 0
   - Accepted Answers: True

10. The correct statements about prepregging techniques are:
   - Extreme care is required during packing and storage of prepreg.
   - Better control over the thickness of the laminate is essential.
   - Adhesive film prepreg are used in making fuel proof vessels.
   - 1, 2, and 3
   - 1, 2, and 3
   - 1, 2, and 3
   - No, the answer is incorrect.
   - Reused: 0
   - Accepted Answers: True

Due on 2020-03-11, 23:59 EDT.