Assignment 0

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment. Due on 2019-02-04, 23:59 IST.

1) Out of these polymers, which one typically has the maximum strength? 0 points
   - Phenolic.
   - Epoxy.
   - Polyester.
   - Polyamide.
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Epoxy.

2) A single layer of fibrous composite is termed as a________. 0 points
   - Laminae
   - Laminate
   - Lamina
   - None of these
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Lamina

3) The longitudinal modulus of a lamina is dependent on: 0 points
   - Young's modulus of fiber.
   - Young's modulus of matrix.
   - fiber volume fraction
4) Experimentally, the volume fraction of voids is generally determined by _________.  
   - burn or acid digestion tests.  
   - tension tests.  
   - impact tests.  
   - visual inspection.  
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   burn or acid digestion tests.

5) During an experimental analysis of the composite material, it was found that there are some air voids in the composite. The volume fraction of matrix material is fifty percent. In such a case, the volume fraction of fiber would be:  
   - Exact fifty percent.  
   - Less than fifty percent.  
   - More than fifty percent.  
   - None of these.  
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   Less than fifty percent.