**Course Outline**

How does an NPTES online course work?  

- Week 1: Fundamentals of composite materials and projectile impact
- Week 2: Basic terminology in dual
- Week 3: Development of dual-level theories of surfaces and classification of shell theories
- Week 4: Development of geometrical solutions of elastic problems under bending load
- Week 5: Design of approximate solutions under bending and flexure vibration
- Week 6: Building of shell
- Week 7: Development of three-dimensional solutions

**Assignment Solutions**

**Test TRANSMITTED**

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**Course 1**

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment.

1) Which of the following fabrication methods is used for the continuous and woven type of fibre?
   - a) Spinning
   - b) Casting
   - c) Extrusion
   - d) Injection
   - e) No, the answer is incorrect.
   - Accepted Answers:  

2) Which of the following are used in a composite material?
   - a) Resin
   - b) Fibre
   - c) Matrix
   - d) No, the answer is incorrect.
   - Accepted Answers:  

3) Which of the following are required to define transversely isotropic and orthotropic materials? (List answer in same order as asked in question)
   - a) a, b
   - b) b, c
   - c) a, d
   - d) No, the answer is incorrect.
   - Accepted Answers:  

4) Which of the following are used in a composite material?
   - a) Resin
   - b) Fibre
   - c) Matrix
   - d) No, the answer is incorrect.
   - Accepted Answers:  

5) Which of the following are used in a composite material?
   - a) Resin
   - b) Fibre
   - c) Matrix
   - d) No, the answer is incorrect.
   - Accepted Answers:  

**Common data for 07-018**

For a given vector $\mathbf{F} = (x, y, z)$, if norms of some complex numbers are $x = a, b = d$, find $x - y$:  

1) What will be the expression for the term parameter $A_1$?
   - a) $x + y$  
   - b) $x - y$  
   - c) $x + iy$  
   - d) $x - iy$  
   - e) No, the answer is incorrect.
   - Accepted Answers:  

2) What will be the expression for the term parameter $A_2$?
   - a) $x + y$  
   - b) $x - y$  
   - c) $x + iy$  
   - d) $x - iy$  
   - e) No, the answer is incorrect.
   - Accepted Answers:  

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I have completed this unit.