## **Multiple Choice Quiz: Section 3.5: Coefficients of Thermal Expansion**

	The longitudinal coefficient of thermal expansion of a unidirectional lamina is a function of the lowing (check all that apply)
А	Density of fiber and matrix
В	Young's moduli of fiber and matrix
C	Fiber and matrix volume fraction
D	Poisson's ratio of fiber and matrix
E	Coefficient of thermal expansion of fiber and matrix
2	For a lamina exposed to changes in temperature, it is generally assumed that
А	the change in temperature is the same for the fiber and the matrix.
В	the change in temperature is greater in the fiber than in the matrix.
C	the change in temperature is greater in the matrix than in the fiber.
	The transverse thermal expansion coefficient is a function of the following (check all that ply)
А	Young's moduli of fiber and matrix
В	Fiber and matrix volume fraction
C	Density of fiber and matrix
D	Coefficient of thermal expansion of fiber and matrix
E	Poisson's ratio of fiber and matrix