

- 12 A liquid, held in a rigid, perfectly insulated container, is stirred over a considerable period of time, causing its temperature to increase.

During this process, what happens to the internal energy of the system, the heat supplied to the system and work done during the process?

	internal energy	heat supplied	work done
A	increase	increase	no change
B	increase	no change	increase
C	no change	increase	increase
D	no change	increase	no change

- 13 The diagram shows four displacement-time curves for oscillations with various degrees of