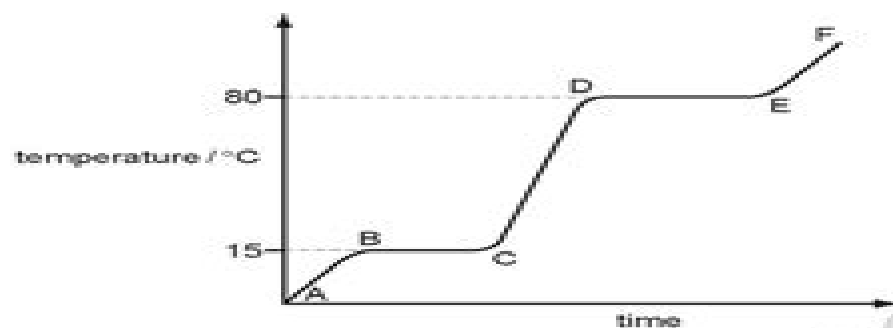


1 - (0620-WY 2012-Paper 4 (Extended)Q2-Q3) - STATES OF MATTER

The diagram shows a heating curve for a sample of compound X.



- (a) Is X a solid, a liquid or a gas at room temperature, 20°C?

..... [1]

- (b) Write an equation for the equilibrium which exists in region BC.

..... [2]

- (c) Name the change of state which occurs in region DE.

..... [1]

- (d) Explain how the curve shows that a pure sample of compound X was used.

..... [2]

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