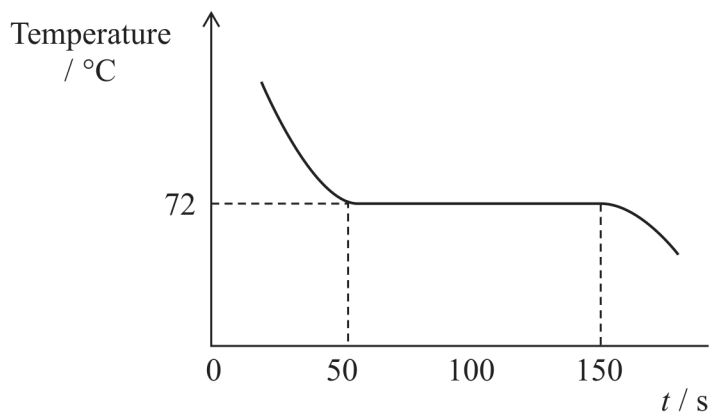4   A student measured the temperature of 0.015 kg of wax as it cooled and changed state from a liquid to a solid.

Energy was transferred from the wax to the surroundings at a rate of 25 W.

The temperature of the wax varied with time t, as shown.

Which of the following expressions gives a value for the specific latent heat capacity of the wax?

☒   A $\dfrac{25 \times 100}{0.015}$

☒   B $\dfrac{25}{100 \times 0.015}$

☒   C $\dfrac{25 \times 100}{0.015 \times 72}$

☒   D $\dfrac{20 \times 72}{100 \times 0.015}$

(Total for Question 4 = 1 mark)