## 2003 A/L Structured Essay Question No (02)

(a) What is the experimental procedure that you would follow in this experiment to form dew of the calorimeter surface?
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(b) Two temperature readings are to be taken in this experiment. What are they?
(1)
<ul> <li>(1)</li></ul>
(2)

If the two temperatures obtained in (b) are  $23 \cdot 2 \circ C$  and  $23 \cdot 6 \circ C$ , then what is the dew point?

(e) In a certain day when the room temperature is 30 °C the dew point is 25 °C. You are suppose to calculate the relative humidity using the following graph, which shows the variation of saturat vapour pressure (P) with temperature ( $\theta$ ).

