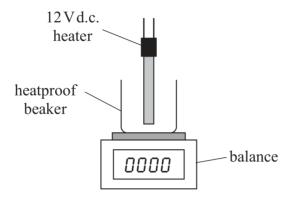
DO NOT WRITE IN THIS AREA

2 The specific latent heat of vaporisation L of water can be determined using the apparatus shown.



(a) Devise a plan to determine the value of L using a graphical method. You should include a circuit diagram and any additional apparatus required.

(6)

4



(b) One significant source of error in this experiment is the uncertainty in the mass reading due to the water moving as it boils.	
Evaluin have another significant saving of amon affects the value of I	
Explain how another significant source of error affects the value of L .	
	(3)
(Total for Question $2 = 9$	marks)
(10tal for Question 2 – 9 i	mai ksj