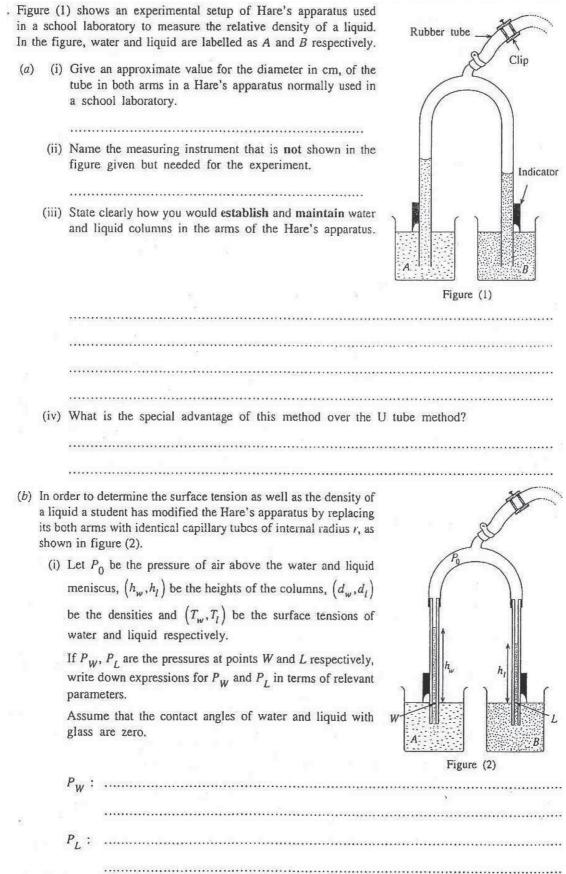
2009 A/L Structured Essay Question No (01)



(11)	Hence derive an expression for h_w in terms of h_p , d_w , d_p , T_w , T_p , r and g in the form of
	y = mx + c.
(iii)	If you draw graph of h_w versus h_p and if you know the values of d_w , T_w , r and g what quantities you should extract from the graph to determine T_l and d_l ?
	To determine T ₁
	To determine d ₁
iv)	Why is it always suitable to have the heights of the water and liquid columns as large as
1.1.1	possible?