Spring Physical Systems – A 14.April.2003	Closed-notes	- name
1.a) What does the Boltzmann	function describe?	
1.b) Plot the Boltzmann functi	ion, label the axes in words, and comment on the functional	form.
2.a) Give the NAME of the eq	quation you would use to find:	
	ON states:	_
Ratios of IONIZATIO	ON states:	-
2.b) There is an exponential te Write its general form and disc	erm in each of those two equations. cuss its meaning.	
2) Hartzenrung Pussell dingr	am: What are the axes theorists like to use for the HR diagra	.m?
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Sketch it, label the axes, and in	•	
What does the main sequence	represent, physically?	