NAME	i:			
Diethy	rlaminoethyl (DEAE) cellulos	e is a common ion exc	hange resin (stationary phase).	
1.	The pKa of DEAE is approxwill be the overall charge of		sin is equilibrated with buffer at pH 7.	.0, what
		Positive	Negative	
2.	2. What type of ion exchange chromatography would you consider this?			
		Cation exchange	Anion exchange	
3.	3. If you wanted to purify a protein on a DEAE column equilibrated with buffer at pH must be true?			
	pl < 7.0	pI = 7.0	pl > 7.0	
NAME	::			
Diethy	laminoethyl (DEAE) cellulos	e is a common ion exc	hange resin (stationary phase).	
1.	1. The pKa of DEAE is approximately 11.5. If the resin is equilibrated with buffer at pH 7.0, where will be the overall charge of the stationary phase?			
		Positive	Negative	
2.	. What type of ion exchange chromatography would you consider this?			
		Cation exchange	Anion exchange	
3.	If you wanted to purify a promust be true?	otein on a DEAE colun	nn equilibrated with buffer at pH 7.0,	which
	pl < 7.0	pI = 7.0	pl > 7.0	