1.	Classification allows you to identify similarity between two things while siamese networks allow you to categorize things. True False	1/1 point
2.	Do the two subnetworks in a siamese network share the same parameters? No Yes	1/1 point
3.	When training a siamese network to identify duplicates, which pairs of questions from the following questions do you expect to have the highest cosine similarity?	1/1 point
	Is learning NLP useful for me to get a job? (ANCHOR) What should I learn to get a job? (POSITIVE)	
	Where is the job? (NEGATIVE)	
	Anchor, Positive	
	O Nacative Basitive	
	O Negative, Positive O Correct Correct.	

0.4

O 0.8	
In one shot learning, is any retraining required when new classes are added? For example, a new bank customer's signature.	1/1 point
○ Yes	
● No	
During training, you have to update the weights of each of the subnetworks independently.	1/1 point
False.	
O True.	
 ✓ Correct Correct. You update the same weight. 	
The mean negative is defined as the closest off-diagonal value to the diagonal in each row (excluding the	1/1 point
diagonal).	2/2 point
False	
O True	
⊘ Correct Correct.	
	1/1 point
4. Test against a threshold	
	In one shot learning, is any retraining required when new classes are added? For example, a new bank customer's signature. ② Yes ③ No ② Correct Correct. During training, you have to update the weights of each of the subnetworks independently. ④ False. ③ True. ② Correct Correct. You update the same weight. The mean negative is defined as the closest off-diagonal value to the diagonal in each row (excluding the diagonal). ④ False ③ True ② Correct Correct. In what order are Siamese networks performed in lecture? ④ 1. Convert each input into an array of numbers 2. Feed arrays into your model 3. Compare v1, v2 using cosine similarity

9.		mean negative is defined as the closest off-diagonal value to the diagonal in each row (excluding the onal).	1/1 point
		False	
	0	True	
	_		
	\otimes	Correct.	
10.	In wh	nat order are Siamese networks performed in lecture?	1/1 point
	(1)	Convert each input into an array of numbers Feed arrays into your model	
		3. Compare v1, v2 using cosine similarity	
		4. Test against a threshold	
	_		
	0	Convert each input into an array of numbers	
		2. Feed arrays into your model	
		3. Run logistic regression classifier	
		4. Classify by using the probability	
	0	1. Convert each input into an array of numbers	
		2. Feed arrays into your model	
		3. Run soft-max classifier for all classes	
		4. Take the arg-max of the probabilities	
	0	Convert each input into an array of numbers	
		2. Feed arrays into your model	
		 Compare v1, v2 using euclidean distance 	
		4. Test against a threshold	

Correct. You update the same weight.