1.If you have 10,000 examples, how would you split the train/dev/test set? Choose the best option.  98% train. 1% dev. 1% test.	1 point
33% train. 33% dev. 33% test.	
60% train. 20% dev. 20% test.	
2.The dev and test set should:  Have the same number of examples	1 point
Be identical to each other (same (x,y) pairs)	
Come from the same distribution	
Come from different distributions	
<ul><li>3.If your Neural Network model seems to have high variance, what of the following would be promising things to try?</li><li>Get more test data</li></ul>	1 point
Increase the number of units in each hidden layer	
Make the Neural Network deeper	
Add regularization	
Get more training data	
<ul><li>4. Working on a model to classify bananas and oranges your classifier gets a training set error of 0.1% and a dev set error of 11%. Which of the following two are true?</li><li>The model is overfitting the train set.</li></ul>	1 point
*D: The model has a high variance.	
The model is overfitting the dev set.	
The model has a very high bias.	
5. What is weight decay?	1 point
The process of gradually decreasing the learning rate during training.	
Gradual corruption of the weights in the neural network if it is trained on noisy data.	
A regularization technique (such as L2 regularization) that results in gradient descent shrinking the weights on every iteration.	
A technique to avoid vanishing gradient by imposing a ceiling on the values of the weights.	
6.To reduce high variance, the regularization hyperparameter lambda must be increased. True/False?  True	1 point
○ False	
7.Which of the following are true about dropout?  It helps to reduce the variance of a model.	1 point
In practice, it eliminates units of each layer with a probability of keep_prob.	

1 point
1 point
1 point