HW 4 Point Distribution

Problem 1   (15)
       i.   (4)
       ii.   (4)
       iii.   (4)
       iv.   (3)

Problem 2   (15)
       i.   (5)
       ii.   (5)
       iii.   (5)

Problem 3   (10)

Problem 4   (20)
       i.   (7)
       ii.   (7)
       iii.   (6)

Problem 5   (40)
Program   (25)
      (6) Working program with commented code.
      (4) Prints out train, tune, and test error every 50 epochs
      (4) Prints out epoch where tune set was highest & test set accuracy at that epoch
      (4) Prints out weight on each feature plus threshold
      (7) Correct output on testbeds (should learn the functions)

Report   (15)
      (5) Plot of accuracies with labeled axes
      (10) Discussion
            (2) Do you see overfitting?
            (2) Did tune set do a reasonable job of choosing a stopping point?
            (2) Comparison to ensemble of decision trees
            (4) Weights on each feature, and which feature has largest pos/neg weights