Name \_\_\_\_\_

Quiz 4 August 7, 2002

You may collaborate, use your book, and use your notes. Point values are in parentheses.

1. The DNA from sea urchins contains about 32% A and about 18% G. What percentages of T and C would you expect in sea urchin DNA? Explain. (4 pts)

2. What peptide sequence would be transcribed from the informational DNA sequence CCTGACGCGGTT? Label the 3' and 5' ends of your intermediate sequences. (6 pts)

3. In the paired molecules below: name the macromolecule, mark the 5' and 3' ends of, and write the sequence for each strand. Circle any mismatched base pairs in the structure. (10 pts)

