Quiz I, Biochem 1 Name:

Please write your name on both sides of this page.

1) Sketch the cloverleaf structure of tRNA. Label the anticodon and the amino acid acceptor site.

2) A bacterial mRNA contains the sequence 5’…AUGUUUGGG(NNN)40CCAUGA ‘3 (AUG is the start, UGA is the stop). How many amino acids does it encode (assume (NNN)40 does not contain an in-frame stop codon)?

3) Meselson and Stahl showed that DNA replication is

semiconservative

*conservative*

*dispersive*

circle one