

Directions: Clearly, concisely and accurately answer the following exercises, writing **very** neatly; email submissions are not accepted – turn in a hard copy of your solutions. Keep at least 4 decimal places in your calculations.

- A. [All Students] p. 260, exercise 5 (In Table 9.1, p.231, read from 5' to 3' on both strands – i.e., on the original strand and the complement, giving $N = 12$).
- B. [All Students] p. 261, exercise 11.
- C. [Graduate Students only] p. 260, exercise 8.
- D. [Graduate Students only] p. 261, exercise 12.