

1. (1 pt.)

- This *quick check* is **closed book, notes, etc.**
- You may use a 3 in. \times 5 in. **reference card**, *hand-written by you*.
- Use the **classroom and textbook conventions** and terminology.

Read the above carefully; then write your name below:

2. (1 pts.) State the name of the problem studied in Section 16.1.

3. (2 pts.) Complete the definition: Two activities are called *compatible* if ...

4. (4 pts.) State the *name* and *asymptotic complexity* of either of the two algorithms whose pseudocode is presented in Section 16.1.

5. (2 pts.) State the names of the *two key ingredients* used to tell whether a greedy algorithm will solve an optimization problem.