

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. (3 pts.) State **Savitch's theorem** from the textbook.

3. (2 pts.) State the textbook's definition of **PSPACE**.

4. (2 pts.) State the textbook's definition of **PSPACE-completeness**.

5. (2 pts.) State the textbook's definition of **TQBF**.