2018-03-29

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1. (1 pt.)

    - This *quick check* is **closed book, notes, etc.**
    - You may use a 3 in. × 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. (2 pts.) Provide the textbook's definition of the language *PATH*.

3. (2 pts.) Provide the textbook's definition of the language *RELPRIME*.

4. (3 pts.) State the theorem in Chapter 7 regarding the complexity class of context-free langauges.

5. (2 pts.) In Section 7.2, there is one algorithm that is presented in pseudocode similar to typical programming languages (instead of instructions for a Turing Machine). State the purpose, input, and ouput of that algorithm.