

1. Which of the following concepts is **not** traditionally studied in the Theory of Computation?

*(3 points)*

- A. Complexity
- B. Computability
- ✓ C. Security
- D. Automata

2. If  $\Sigma = \{0,1\}$ , which of the following is not in  $\Sigma^*$ ?

(3 points)

A. 00

B. 010

C. 110

✓ D. 012

3. Which one of the sets below is **not** in the power set for the set  $A = \{0,1,2,3\}$ ?

(3 points)

A.  $\{0,1,2\}$

B.  $\{1,2,3\}$

C.  $\{0,1,2,3\}$

✓ D.  $\{10,2,3\}$