Started on	Friday, 2 August 2024, 1:27 AM
State	Finished
Completed on	Friday, 2 August 2024, 1:27 AM
Time taken	8 secs
Marks	0.00/4.00
Grade	**0.00** out of 100.00

Question 1

Not answered

Marked out of 1.00

True/False: According to our reading assignments, circuit satisfiability is a good example of a problem that we don't know how to solve in polynomial time.

Select one:

- True
- False

The correct answer is 'True'.

Question 2

Not answered

Marked out of 1.00

True/False: NP is the set of decision problems that can be solved in polynomial time.

Select one:

- True
- False

The correct answer is 'False'.

Question 3

Not answered

Marked out of 1.00

According to the Cook-Levin Theorem, Circuit satisfiability is:

Select one:

- a. NP-Complete
- b. NP-Hard
- c. NP-Easy
- d. P

The correct answer is: NP-Complete

Question 4

Not answered

Marked out of 1.00

True/False: A reduction is solving problem A using problem B where an algorithm for B exists (for example redefining an optimization problem as a search problem).

Select one:

- True
- False

The correct answer is 'True'.