VU QUIZ REPORT

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Subject: CS606

Quiz Completed: 5/12/2026, 9:32:33 AM
Total Questions: 10
Mathematical Questions: 1
CROPPED Screenshots: 1

Question 1:

Context-free syntax is specified with a grammar G = (S, N, T, P) where S represents _____ symbol.

A. Stop

B. Last

C. Start

D. First

Selected Answer: C

Question 2:

In Flex, what does the regular expression [a-zA-Z][a-zA-Z0-9]* match?

A. Identifiers

B. Integers

C. Symbols

D. Whitespaces

Selected Answer: A

Question 3:

The front end maps legal _____into an Intermediate Representation (IR).

A. Machine code

B. Source code

C. Object code

D. Linker

Selected Answer: B

Question 4:

In the context of DFA minimization, a/an _____ state is a state that is not reachable from the initial state on any input value.

A. Unreachable

B. Unoptimizable

C. Unsolvable

D. Unstoppable

Selected Answer: A

Question 5:

In a CPU, which register/s is/are pre-allocated for specialized use?

A. Operand register

B. General-purpose registers

C. Control registers

D. Program counter

Selected Answer: D

Question 6:

Context-free syntax is specified with a grammar G = (S, N, T, P), where production rules are represented by _____.

A. P

B. T

C. S

D. N

Selected Answer: A

Question 7:

_____ are generally ignored by the compiler.

A. Keywords

B. White Spaces

C. Strings

D. Integers

Selected Answer: B

Question 8:

The acceptance of an NFA for a given string is achieved if it can get in a _____ state.

A. Dead

B. Start

C. Final

D. Error

Selected Answer: C

Question 9:



You selected: D

Mathematical question (CROPPED screenshot - top 20% removed)

Selected Answer: D

Question 10:

_____ is a process used to reduce the number of states in a DFA while preserving the language it recognizes.

A. NFA Minimization

B. DFA Minimization

C. NFA Maximization

D. DFA Maximization

Selected Answer: B

Mathematical Questions Note:

Questions containing mathematical equations and symbols are displayed as CROPPED screenshots (top 20% removed for privacy) to preserve the original formatting. Your selected answers are displayed below each screenshot for easy reference.