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**Grade** 10.00 out of 10.00 (100%)

### Question 1

Correct

Mark 1.00 out of 1.00

Which technique is commonly used for Symbol Resolution in assembly language programming?

- a. Neural networks
- b. Regular expressions
- c. Symbol tables ✓
- d. Quantum computing

### Question 2

Correct

Mark 1.00 out of 1.00

Symbol Resolution plays a critical role in which of the following?

- a. Cryptography
- b. Sports analytics
- c. Digital Logic Design ✓
- d. Cooking recipes

### Question 3

Correct

Mark 1.00 out of 1.00

In Symbol Resolution, what does "ambiguity" refer to?

- a. Multiple meanings ✓
- b. Simple solutions
- c. Efficient algorithms
- d. Hardware architecture

**Question 4**

Correct

Mark 1.00 out of 1.00

Which of the following is NOT a Symbol Resolution challenge?

- a. Ambiguity
- b. Complexity
- c. Efficiency
- d. Simplicity ✓

**Question 5**

Correct

Mark 1.00 out of 1.00

Which among the following is the primary purpose of Symbol Resolution??

- a. Identify characters
- b. Resolve conflicts ✓
- c. Encode symbols
- d. Analyze algorithms

**Question 6**

Correct

Mark 1.00 out of 1.00

What technique is commonly used to handle Symbol Resolution challenges?

- a. Backtracking ✓
- b. Symbolic integration
- c. Random selection
- d. Trial and error

**Question 7**

Correct

Mark 1.00 out of 1.00

Symbol Resolution in assembly language programming involves mapping \_\_\_\_\_ to machine code.

- a. Registers ✓
- b. Algorithms
- c. Natural language
- d. Graphics

**Question 8**

Correct

Mark 1.00 out of 1.00

What is the role of Symbol Resolution in Computer Architecture?

- a. Efficient cooling
- b. Faster clock speeds
- c. Error correction
- d. Instruction decoding ✓

**Question 9**

Correct

Mark 1.00 out of 1.00

Which of the following is NOT a common Symbol Resolution technique in digital logic design?

- a. Finite state machines
- b. Synthesizing logic
- c. Web development ✓
- d. Karnaugh maps

**Question 10**

Correct

Mark 1.00 out of 1.00

What is the primary purpose of Symbol Resolution in assembly language programming?

- a. Optimize compilers
- b. Translate machine code ✓
- c. Manage memory
- d. Optimize graphics rendering