

**Name:**

**Matric No:**

**Quiz**  
**Multiple Choice Questions**  
**(Chapter 1-3)**

1. Which of the following best describes an operator?
  - A) An operator is a rule that must be followed when constructing a program.
  - B) An operator allows you to perform operations on one or more pieces of data.
  - C) An operator marks the beginning or ending of a statement or is used to separate items in a list.
  - D) An operator is a word that has a special meaning.
  - E) An operator is a symbolic name that refers to a variable.
2. The purpose of a memory address is:
  - A) To identify the location of a byte in memory
  - B) To prevent multitasking
  - C) To obtain an algorithm
  - D) To improve the effectiveness of high-level languages
3. What statement best describes a variable and its primary purpose?
  - A) A variable is a structured, general-purpose language designed primarily for teaching programming.
  - B) A variable is a collection of eight bits.
  - C) A variable is a word that has a special meaning to the compiler.
  - D) A variable is a named storage location in the computer's memory used for holding a piece of information.
4. Of the following, which is a valid C++ identifier?
  - A) June1997
  - B) \_employee\_number
  - C) \_\_department
  - D) myExtraLongVariableName
  - E) All of the above are valid identifiers.
5. \_\_\_\_\_ must be included in any program that uses the cout object.
  - A) Opening and closing braces
  - B) The header file iostream
  - C) Comments
  - D) Escape sequences

6. \_\_\_\_\_ reads a line of input, including leading and embedded spaces, and stores it in a string object.
- A) cin.get
  - B) getline
  - C) cin.getline
  - D) get
  - E) None of these
7. You want the user to enter the length, width, and height from the keyboard. Which cin statement is correctly written?
- A) cin << length, width, height;
  - B) cin.get(length, width, height);
  - C) cin >> length >> width >> height;
  - D) cin >> length, width, height;
  - E) cin << length; width; height;
8. This manipulator is used to establish a field width for the value immediately following it.
- A) field\_width
  - B) set\_field
  - C) setw
  - D) iomanip
  - E) None of the above
9. Assume that x is an int variable. What value is assigned to x after the following assignment statement is executed?
- $$x = -3 + 4 \% 6 / 5;$$
- A) 0
  - B) 1
  - C) 2
  - D) -3
  - E) None of these
10. What is the value for the expression below?
- $$8 + 12 * 2 - 4$$
- A) 28
  - B) 18
  - C) 26
  - D) 36