Quiz 1 Solutions

Please answer the questions below; there are 10 questions, 2 pages; this quiz is closed book/notes.

Q1: Which of the following is not one of the six logical units of a computer?

a) Input unit.
b) Output unit.
c) Central processing unit.
d) Printer unit.

ANS: d. Printer.

Q2: Which of the following statements is true?

a) In distributed computing, an organization's computing is distributed over networks to the sites where the organization's work is being performed.
b) In distributed computing, an organization's computing is performed at a central computer installation.
c) In distributed computing, an organization's computing is handled by a computer distributor.
d) None of the above.

ANS: a. In distributed computing, an organization's computing is distributed over networks to the sites where the organization's work is being performed.

Q3: Which of the following statements is true?

a) Interpreted programs run faster than compiled programs.
b) Compilers translate high-level language into machine language.
c) Interpreter programs use assembly language as input.
d) None of the above.

ANS: b. Compilers translate high-level language into machine language.

Q4: End-of-line comments that should be ignored by the compiler are denoted using:

a) Two forward slashes (//).
b) Three forward slashes (///).
c) A slash and a star (/*).
d) A slash and two stars (/**).

ANS: a. Two forward slashes (//).

Q5: Which of the following does not cause a syntax error to be reported by the C++ compiler?

a) Mismatched {}.
b) Missing */ in a comment.
c) Missing ; at the end of a statement.
d) Extra blank lines.

ANS: d. Extra blank lines.

Q6: Which of the following is not a syntax error?

    a)   std::cout << 'Hello world! ';
    b)   std::cout << "Hello
                    world! ";
    c)   std::cout << "Hello world! ";
    d)   std::cout << Hello world!;

ANS: c. std::cout << "Hello world! ";

Q7: The _____ object enables a program to read data from the user.

    a)   std::cout.
    b)   std::cin.
    c)   std:cread.
    d)   std::cget.

ANS:b. std::cin.

Q8: The std::endl stream manipulator_____.

    a)   inputs a newline.
    b)   flosses the output buffer.
    c)   outputs a newline and flushes the output buffer.
    d)   terminates the program.

ANS: c. outputs a newline and flushes the output buffer.

Q9: What is the value of result after the following C++ statements execute?

```
int a, b, c, d, result;
a = 4;
b = 12;    c = 37;
d = 51;
result = d % a * c + a % b + a;
```

    a)   119
    b)   51
    c)   127
    d)   59

ANS: a. 119.

Q10: What will be the output after the following C++ statements have been executed?

int a, b, c, d;
a = 4;
b = 12;
c = 37;
d = 51;

if (a < b)
  cout << "a < b" << endl;

if (a > b)
  cout << "a > b" << endl;

if (d <= c)
  cout << "d <= c" << endl;

if (c != d)
  cout << "c != d" << endl;

a) a < b
    c != d
b) a < b
    d <= c
    c != d
c) a > b
    c != d
d) a < b
    c < d
    a != b

ANS: a. a < b

   c != d