## Name:

## ICS 103, Term 132

## Computer Programming in C Quiz# 1

Date: Tuesday, Feb. 11, 2014

**Q1.** Fill the blank in each of the following:

(1) Hard disk is an example of \_\_\_\_\_ memory.

- (2) The set of instructions that can be executed by the CPU represented in binary format is called \_\_\_\_\_\_ language while when represented using symbolic codes it is called \_\_\_\_\_\_ language.
- (3) The main advantages of programming in High level languages like C are

- (4) A \_\_\_\_\_\_ turns the Source File into an Object File while \_\_\_\_\_\_ turns the Object File into an Executable.
- (5) Software development process is composed of the following steps:
- (6) To read an integer and a real number and store them in variables x and y respectively, the following statement is used:

(7) Anything between the symbols \_\_\_\_\_\_ will be considered a comment, even if they span multiple lines.

**Q2.** Find the values of the following expressions.

Expression	Value						
(double) (7/2)							
40/3/2.0							
(int)6.6/(double)3							
5+7/2*2.0							
int x= 5.924;	x =						
double $y=10/4;$	y =						

Q3. In the grid below, assume that each square represents a space and each row represents a line on the screen. Show how the output of the following program will be displayed.

```
#include <stdio.h>
int main(void) {
    double i=99.869;
    int j=-124;
    printf("%6.0f%8d\n",i,j);
    printf("%5.1f%9.5f\n",i,i);
    return 0;
}
```

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