cs23020 "Introduction to Object-Oriented Programming"

QUIZ # 1   9/3/99

each question is worth 1 points

1. Objects are used for all points below BUT

    a) make the source code (programs) more structured
    b) make the source code easy to understand
    c) make the source code more easy to use
    d) make the source code more safe to use
    e) make the source code compile with
       object oriented compiler like g++

2. An idea that an object should display (make visible and useable by
   other objects) only the properties that are external to it while
   hiding the internal properties is called:

    a) abstraction
    b) encapsulation
    c) modularity
    d) hierarchy
    e) none of the above

3. code that can be run directly by the computer is called:

    a) source code
    b) object code
    c) executable code
    d) either b) or c)
    e) a) and b)

4. a line in the source code where where the debugger suspends the execution
   of the program is called:

    a) display
    b) executable
    c) source
    d) variable
    e) breakpoint

5. a command-line option to be used with g++ compiler so that it produces
   a file that can be used with the gdb is:

    a) -o
    b) -g
    c) -a
    d) -d
    e) -e

6. command "step" in GNU debugger is used to:
    a) advance the program execution one line
    b) quit the debugger
    c) increase the value of the displayed variable one step
    d) "step up" (that is increase) the speed of program execution
    e) there is no such command

7. command "display" in GNU debugger is used to:

    a) run the program being traced
    b) print the value of a variable and continue to run the program
    c) print the value of a variable every time the execution
       of the debugged program is suspended
    d) display the several lines of the source code
    e) none of the above

         (continue on the next page)

8. to start the execution of a program in GNU debugger one needs to type
   the following command:

    a) start
    b) run
    c) print
    d) step
    e) execute

9. the comments are put in the source program

    a) to aid the compiler in producing the executable code
    b) to make the executable code more efficient
    c) to help programmers better understand the source program
    d) to make tracing the program with a debugger easier
    e) so that a make file can be used to compile the program

10. all of the following statements about the "make" utility are correct BUT:

    a) make is used to make working on programming projects easier
    b) when started make reads a file called Makefile located
       in current directory and follows the instructions
       written there
    c) Makefile consists of batches of commands, each name
       is called a goal
    d) there can be only one goal in a Makefile
    e) all of the above is correct