

Name: KEY

Id#

ICS 103, Term 083

Computer Programming in C

Quiz# 1

Date: Tuesday, July 21, 2009

Q1. Fill the blank in each of the following:

- (1) Random Access Memory (RAM) is volatile memory that can be accessed in any order (as opposed to sequential access memory).
- (2) Read Only Memory (ROM) is non-volatile memory that cannot be written to.
- (3) Examples of secondary memory include hard disk and CD.
- (4) Central Processing Unit (CPU) coordinates all computer operations and performs arithmetic and logical operations on data.
- (5) Operating System controls the interaction between machine and user.
- (6) Compiler translates high-level programs to machine code.
- (7) Linker turns the Object File into an Executable.
- (8) Advantages of programming in high level languages include portability and ease of development and maintenance.
- (9) Advantages of programming in assembly language include accessibility to hardware resources and space and time efficiency.
- (10) Software development is based on the following steps: specify problem requirements, analyze the problem, design the algorithm to solve the problem, implement the algorithm, test and verify the completed program, maintain and update the program.
- (11) Algorithm is a list of steps for solving a problem.

