

The American University in Cairo
Computer Science & Engineering Department
CSCI 106-03&08

Dr. KHALIL	Quiz-I	Spring 2011
Last Name :		ID:
First Name:		Form - I

EXAMINATION INSTRUCTIONS

- * Do not turn this page until asked to do so.
- * Exam time is **30** minutes.
- * Put the answers on the same question sheet, do not use any additional papers, even for scratch.
- * Write your name, ID, section no. in the indicated places.
- * Read the exam instructions.
- * Read the honesty policy.
- * Sign the following statement.

Academic Integrity Policy

Cheating in Exams is a violation of the Academic Integrity policy of AUC. Whispering, talking, looking at someone else's paper, or copying from any source is considered cheating. Any one who does any of these actions or her/his answers indicates that she/he did any of them, will receive a punishment ranging from zero in this exam to failing the course. If repeated, it may lead to dismissal from AUC.

I have read the honesty policy and exam instructions and I am presenting this exam as entirely my effort.

Signature: _____

DO NOT USE THIS SECTION

Question	Points	Grade
1	10	
2	10	
3	10	
4	10	
Total	40	

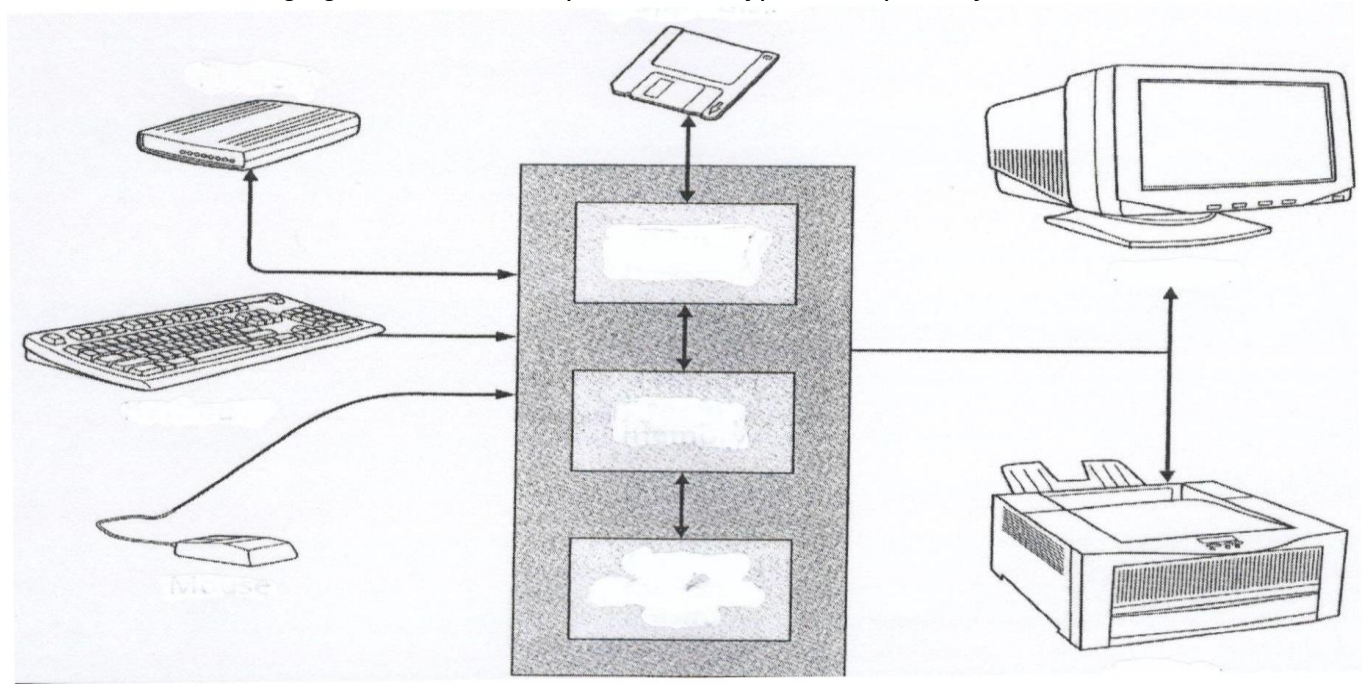
Question 1 (10 points)

Tick **only one possible** answer for each of the following:

- 1) The software that controls and manages the computer resources is:
 - a. Source program []
 - b. Loader []
 - c. Web browser []
 - d. Operating system []
- 2) Von Neumann architecture is:
 - a. A stored-program computer []
 - b. A web browser []
 - c. An architecture for RAM []
 - d. All the above []
- 3) A web browser is:
 - a. A compiler that translates a source program to an object code []
 - b. A graphical user interface that allows users to navigate through the web []
 - c. A software that lets users edit documents []
 - d. A computer that provides resources to other computers in a network []
- 4) The RAM is used to:
 - a. To store fixed code to start up the computer []
 - b. To store programs and data that are to be executed []
 - c. To perform the arithmetic and logical operations []
 - d. none of the above []
- 5) Software Piracy is:
 - a. Violation of copyright agreements by illegally copying software []
 - b. Code disrupting the computer operations and erasing information []
 - c. A Computer theft or computer fraud []
 - d. A biological disease causing malfunctioning of the computer []
- 6) One GigaBytes is equivalent to:
 - a. 10^3 []
 - b. 10^{20} []
 - c. 2^{30} []
 - d. Non of the above []

Question 2 (10 points)

Name on the following figure the main components of a typical computer system:



Question 3 (10 points)

Circle the word or phrase that completes each statement:

1. Which of the following devices stores instructions that help the computer start up?
a. Joystick b. RAM c. ROM d. monitor

2. Which type of software is used for creating slide show?
a. Web design software b. presentation software c. word processing software d. spreadsheet software

3. You can connect an electronic instrument to your computer via the _____ port.
a. USB b. PS2 c. HDX d. MIDI

4. To remove a program from your computer, you can _____ it.
a. uninstall b. delete c. store d. transfer

5. A computer program is a collection of _____ that are carried out by the computer's CPU.
a. instructions b. loops c. steps d. algorithms

6. _____ programming languages use familiar words rather than the detailed strings of 0s and 1s that make up machine instructions.
a. machine b. assembly c. high-level d. All

7. A _____ is someone who uses a computer and a network or Internet connection to intrude into another computer or system to perform illegal act.
a. hacker b. programmer c. terrorist d. spammer

8. The _____ detects syntax errors in a source program written in a high-level language.
a. editor b. compiler c. assembler d. processor

9. _____ is a code attached to another program that spreads through a computer's disk memory, disrupting the computer or erasing information.
a. interrupt b. spam c. computer virus d. algorithm

10. _____ is the violation of copyright agreements by illegally copying software for use in another computer.
a. cheating b. spam c. software piracy d. hacking

QUESTION 4 (10 points)

Name on the following figure the steps of processing a high-level program on a computer. Name also the components that are involved in such processing:

