Al-Azhar University-Gaza
Faculty of Engineering &IT
No Of Questions: 4 Questions

Course Name: CS
Second semester : 2016/2017
10-05-2017 Time : 120 minutes

اسم الطالب : ـــــــــــ
رقم الطالب : ـــــــــــ

Final Exam
Question Paper
50 Points

اسم المدرس: ـــــــــــ

Question 1: Mark ☑ for True statements and ☒ for False statements: (15 Marks)

A processor contains small, high-speed storage locations, called transistors, that temporarily hold data and instructions
Information is a collection of unprocessed items, which can include text, numbers, images, audio.
Current processors include advanced transfer cache, a type of L3 cache built directly on the processor chip.
Open source software is mass-produced, copyrighted retail software that meets the needs of a wide variety of users, not just a single user or company.
The speed of the system clock is just one factor that influences a computer's performance.
Read-only memory refers to memory chips storing temporary data and instructions.
A Dual-core processor is a chip with two separate processor chip.
Utility program allows a user to perform maintenance-type tasks usually related to managing a computer, its devices, or its programs
A Pixel is the smallest element in an electronic image.
A touchpad is a small, flat, rectangular pointing device that is sensitive to pressure and motion.
Information on a display device sometimes is called hard copy
Brightness describes the difference in light intensity between the brightest white and darkest black that can be displayed on an LCD monitor.
An impact printer forms characters and graphics on a piece of paper without actually striking the paper.
Formatting is the process of dividing the disk into tracks and sectors
A External hard disk is a separate, freestanding hard disk that connects with a cable to a port on the system unit or communicates wirelessly.

Answers of Q1:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Question #3: Match the terms with their definitions (15 Marks)

	Term		
A.	Program that finds Web sites, Web pages, images, videos, news, maps, and other information related to a specific topic	1	Database
B.	Programs designed to make users more productive and/or assist them with personal tasks.	2	Access time
C.	Is a small ceramic or metal component with fins on its surface that absorbs and disperses heat produced by electrical components such as a processor?	3	Response time
D.	Uses one transistor for each pixel of LCD monitor.		
E.	The time in milliseconds (ms) that it takes the display screen to turn a pixel on or off.	4	PictBridge
F.	Enhances functions of a component of the system unit and/or provides connections to peripherals.	5	Search engine
G.	Collection of data organized in a manner that allows access, retrieval, and use of that data.	6	User response
H.	Is the amount of time it takes the processor to read data, instructions, and information from memory.	7	A smart card
I.	Occurs when a read/write head touches the surface of a platter on a hard disk	8	PDF
J.	Allows the various devices both inside and attached to the system unit to communicate with each other.	9	Pointing stick
		10	Disk controller
K.	Pressure-sensitive pointing device shaped like a pencil eraser that is positioned between keys on a keyboard	11	Data collection device
L.	Is a technology that reads hand-drawn marks such as small circles or rectangles	12	A backup
M.	That control the transfer of data, instructions, and information from a disk to and from the system bus and other components of the computer	13	Active-matrix display
N.	is the delivery of education at one location while the learning takes place at other locations	14	Heat sink
O.	Is an instruction a user issues by replying to a question displayed by a program	15	APPLICATION SOFTWARE
P.	Is a duplicate of a file, program, or disk placed on a separate storage medium that you can use in case the original is lost, damaged, or destroyed.		
Q.	Allows you to print photos directly from a digital camera		كلية الصيدلة
R.	Obtains data directly at the location where the transaction or event takes place.		Faculty of Pharmacy
S.	Stores data on a thin microprocessor embedded in the card		
T.	Popular file format that document management software uses to save converted documents.		

Answers of Q3:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Question 2: Choose the correct Answer (15 Marks)

1-Ink-jet printer resolution is measured by the number of __ a printer can print.

a. pages per minute (ppm)	b. pixels per inch (ppi)	c. lines per minute (lpm)	d. dots per inch

2-____ is an external device that provides connections to peripherals through ports into the device.

a. expansion bus	b. synthesizer	c. docking station	d. port replicator

3- ____ is an Internet standard that permits file uploading and downloading with computers on the Internet.

a. HTTP	b. FTTP	c. FTP	d. DNS server

4-_____ is the representation of "CDFE" in the memory (ASCII code for A=65 and a =97)

a-01000101010111110000001110	b. 1100101100110011000000011001001010
c.010000010000001	d. None of the above

5- Touch screens that recognize multiple points of contact at the same time are known

a. multi-touch	b. touch-sensitive pads	c. graphics tablets	d. digitizers

6-_____ is a collaborative Web site that allows users to create, add to, modify, or the Web site content via their Web browser.

a. Wiki	b.Internet2	c. Portal	d. None of the above

7-_____is a content aggregator is a business that gathers and organizes Web content then distributes, or feeds, the content to subscribers for free or a fee.

a. Plugin	b. Browser	c.RSS	d. Https

8-_____ is the process of transferring data in a continuous and even flow.

a.FTP	b. Uploading	c. Streaming	d. Downloading

9-_____ smallest unit of disk space that stores data and information

a. Sector	b. Byte	c. Cluster	d. None of the above

10 - 16PB _____ bits (Note: $1024 = 2^{10}$)

a. 2^{57}	b. $16*2^{40}$	c. $16*2^{53}*8$	d. $16*250*8$

11-____ , the processor begins fetching a second instruction before it completes the machine cycle for the first instruction

a. CMOS technology	b. pipelining	c. vPro technology	d. None of the above

12-_____ is a Web site that offers a variety of Internet services from a single, convenient location

a.Wiki	b. Portal	c. Web application	d .Access provider

13- _____ is the speed with which data, instructions, and information transfer to a device.

a. Access time	b. Transfer rate	c. Formatting	d. Reading

14. A group of two or more integrated hard disks is called a .

a. Backup	b. NAS	c. Portable hard disk	d. RAID

15-____uses radio signals to communicate with a tag placed in or attached to an object

a. RFID	b. MIRC	c.OCR	b.PPM

Answers of Q2:

1	2	3	4	5	6	7	8	9	10	11	12	13

Question 4#: (5 Marks)

A. What is the two factors affects to the quality of digital camera photos (Explain)?

_____

_____

_____

_____

B. http://www.alazhar.edu.ps/arabic/pharm/dep1.asp

Domain name:	
Gtld:	
Cctld:	
Protocol:	
Path for page:	
Web page name:	

C. Give two examples of a thermal printer, an Impact printer and non-impact printer

_____

_____

_____

_____

_____

_____

————GOOD LUCK————

4