
	Undergraduate Program Academic Year 2017/2018 Final Introduction to Computers and Information Technology (30 marks) 1 Page	
Kafrelsheikh University		Faculty of Medicine
Date: 3/6/2018		Time: 60 minutes

Question number one: (20 Marks)

- a. Briefly describe the specific function of each of seven layers of OSI model.
- b. Write **True** if the statement is true: **False** if it is false:
- Hardware is defined as a set of machine-readable instructions that directs the computer processor to perform specific operations. (.....)
 - The sharpness of the monitors' image depends upon the number of pixels that are arranged in a rectangular form. (.....)
 - The Non-emissive displays use optical effects to convert light from other source into graphics patterns. (.....)
 - Application software products are designed to satisfy a particular need of a particular environment. (.....)

Question number two: (10 Marks)

Choose the most correct answer:

1) Which of the following is not an example of emissive display:

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|-----------------|---------|---------------------------|---------|-----------------|
| a. Plasma Panel | b. LED, | c. Light-Emitting Diodes, | d. LCD, | e. none is true |
|-----------------|---------|---------------------------|---------|-----------------|

2) Which of the following printers prints one character at a time

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|-----------------------|----------------|----------|----------|---------|--------|
| a. Dot Matrix Printer | b. Daisy Wheel | c. Chain | d. Drum, | e. a ,b | f. c,d |
|-----------------------|----------------|----------|----------|---------|--------|

3) Defined as a collection of programs designed to operate, control, and extend the processing capabilities of the computer.

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|---------------------|--------------------------|--------|---------|---------|
| a. System Software, | b. Application Software, | c. SW, | d. S/W, | e. c ,d |
|---------------------|--------------------------|--------|---------|---------|

4) Which of the following is an example of system software:

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|---------------------|---------------|-----------------|----------------|-------------|
| a. Operating System | b. Compilers, | c. Interpreter, | d. Assemblers, | e. all true |
|---------------------|---------------|-----------------|----------------|-------------|

5) Defined as a private network of computers within an organization with its own server and firewall and not available to the world outside:

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|--------------|--------------|---------|---------|-------------|
| a. Intranet, | b. Extranet, | c. VPN, | d. LAN, | e. all true |
|--------------|--------------|---------|---------|-------------|

Best Regards

Dr/Mai Ramadan