

PALESTINE POLYTECHNIC UNIVERSITY
COMPUTERS AND PROGRAMMING PRINCIPLES
QUIZ#1 -- FALL 2022
INSTRUCTOR: ENG. YOUSEF SALAH

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Name: Majd Tamimi
مجد التميمي

ID: 221113

Q1) State whether each of the following statements is TRUE or FALSE.

	Statement	TRUE / FALSE
[1]	SSD is an electro-mechanical storage device.	F
[2]	Servers have more processing power than personal computer.	T
[3]	A Microphone is an input device.	T
[4]	Nonvolatile memory loses its contents when power is removed from the computer.	F
[5]	An impact printer forms characters and graphics on a piece of paper without actually striking the paper.	F

Q2) A memory has a 16 MB capacity What is the size of this memory in GB?

$$\begin{aligned} 16 \text{ MB} &= 16 \times 2^{-10} \text{ GB} \\ &= 2^4 \times 2^{-10} \\ &= 2^{-6} \text{ GB} \end{aligned}$$

Q3) Which metric (unit of measurement) is used to describe each of the followings:

A) Pixel density of a screen: PPI

B) Resolution of a printer: DPI

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QUIZ#2 ** FALL 2021

10
10
ID: 221113

Name: Majid Tamimi
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Q1) State whether each of the following statements is TRUE or FALSE.

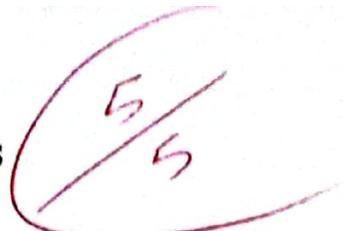
	Statement	TRUE / FALSE
[1]	The IP Address 203.10.312.55 is a correct network address.	F ✓
[2]	Fiber Optics transmission media uses electro-magnetic waves to transmit data.	F ✓
[3]	The way by which devices are connected physically is called a Protocol.	F ✓
[4]	A Hub is an intelligent switch.	F ✓
[5]	MS Powerpoint is a spreadsheet application.	F ✓
[6]	A web browser (like Google Chrome) is an example of a system software.	F ✓
[7]	Command-line interfaces often are difficult to use because they require exact spelling, grammar, and punctuation.	T ✓

Q2) Write the full name of the following abbreviations (what each initial means?):

a) LAN: Local area network

b) FTP: File Transfer Protocol

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 QUIZ#3 -- FALL 2022

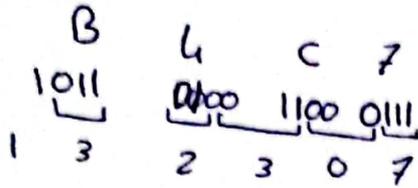


Name:

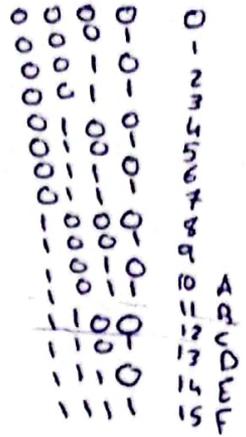
ID: 22113

Q1) Convert the following Hexadecimal number into octal showing your work:

$(B4C7)_{16} = (132307)_8$



1010
1011



Q2) Convert the following decimal number into binary showing your work:

$(245)_{10} = (11110101)_2$

245	122	1
122	61	0
61	30	1
30	15	0
15	7	1
7	3	1
3	1	1
1	0	1