الجمهورية اللبنانية
وزارة التربية والتعليم العالي
المديرية العامة للتعليم المهني والتقني
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الامتحانات الرسمية لشهادة البكالوريا الفنية
لدورة عام 2012 الثانية

الاختصاص والرمز : تكنولوجيا المعلوماتية (84008)
المادة : تجميع الحاسوب وتطبيق على أنظمة الأستثمار
المستندات المسموح بها : لا شيء

المعدل: 12
المدة : ساعتان

Treat the two following parts:

Part A : Computers Assembly

1) What is the role of the cache memory at the processor level? **(2pts)**
2) Explain the difference between a network card and a modem. **(2 pts)**
3) Compare, in term of characteristics, a cathodic screen to a LCD screen. **(2 pts)**
4) Present the steps to follow to assemble a personal computer. **(2 pts)**
5) What is the role of the power supply in a personal computer? **(2 pts)**
6) Give 4 processors models of the Intel family? **(1pt)**

Part B-1 : Introduction to operating systems
Choose the right (s) answer (s) : **(4 pts)**

1-Among the followings, which are operating systems?
a) Access b) Windows c) C d) Unix
2-The basic functions of an operating system:
a) memory management b) protection against virus c) programs execution d) programs translation
3-The operating system operates in
a) multiprogramming b) independent c) variable d) multitasking
4-The main memory can be divided into partitions:
a) fixed b) random c)variables d) limited
5-The process is a:
a) program b) variable c) virus d) file
6-The compiler is a:
a) translator b) operating system c) application program d) assembler
7-In a DOS operating system, a file can allocate:
a) one physical block b) two physical blocks c) three physical blocks d) many physical blocks
8-In a DOS operating system, the access to a disk file is done through:
a) the index table b) the FAT table c) the address table d) the modules table

Part B-2 : Introduction to Windows operating system
Choose the right (s) answer (s) : **(5 pts)**

1-Install Windows means that windows will be copied in:
a- the main memory b) the hard disk c) the floppy disk d) the CD-ROM
2-We can start Windows from:
a) the main memory b) the hard disk c) CD-ROM d) network
3-Unix and Windows are:
a) spreadsheets b) data files c) operating system d) application programs
4-We can find on the Windows desktop:
a) icons b) shortcuts c) folders d) variables
5-We can arrange the icons on the desktop according to:
a) type b) name c) color d) size
6-From the menu « Start », we can:
a) quit Windows b) execute the programs c) read documents d) create icons
7-Among the followings, which are Windows accessories:
a) calculator b) bloc-notes c) address book d) Microsoft Word
8-L'Internet explorer is a:
a) file b) browser c) operating system d) drawing program
9-The version of Windows Vista or 7 is:
a) the latest b) the first c) the oldest d) the current
10-The command Run permits to:
a) search a file b) execute a program c) delete a file d) close a file