Pioneer Preparatory School of Sfax Academic Year: 2009/2010 Control Test N°1 Computer Science (Theoretical)	Teacher: Mr. BEN AYED Abdelkarim Class : 8th B 10 Date: Wednesday 28/10/2009 at 08h00 Time: 1 Hour

Name & Surname:	Mark : ..... /20

Exercise 1 :(3 pts)

Complete this definition with words from the list below:

computer, permanently, store, floppy disk, floppy disk drive, capacity, data

The media storage devices are used to ..... data ..... They are physical media on which ..... is stored. These materials can be transported from a ..... to another. Among the media storage we can mention: the hard disk, the ....., CD-ROM, DVD, etc. A storage medium is characterised by its name, its ..... and type.

Exercise 2 :(2 pts)

Match between the data storage devices and their capacities :

Floppy disc	4812.8 MB
CD-RW	700 GB
DVD+R	700 MB
Hard disc	1474.56 KB

Exercise 3 :(1 pts)

Give two peripherals that allow to write data on a CD: .....

Exercise 4 :(4 pts)

Complete the following table with True or False and correct the false sentences:

Sentences	True/False	correction
We use the CD burner to read from and write data on a floppy disk.	.....	.....
CD is a magnetic storage device.	.....	.....
DVD capacity is lower than a CD.	.....	.....
CD-RW is a non erasable disk.	.....	.....

Good Luck

Exercise 5 :(2 pts)

Circle the right sentence:

Stores data on a stack of rotating magnetic disks, called platters:

Hard disk	Magnetic tape	Floppy disk

Is an optic data storage device:

DVD	Flash disk	Hard disk

Is a magnetic data storage device:

Flash disk	CD	Floppy disk

A DVD drive can:

Read and write on DVD	Only read from DVD	Read from CD and DVD

Exercise 6 :(2 pts)

Convert those capacities (Only put the operation steps):

124 MB = (.....) GB

124 MB = (.....) KB

120 Bytes = (.....) KB

2048 GB = (.....) KB

Exercise 7 :(2 pts)

Order these capacities in ascending order:

1 byte / 2 Mega-byte / 1 Giga-byte / 3500 Kilo-byte

..... < ..... < ..... < .....

Exercise 8 :(4 pts)

Complete the following sentence and table (***you must put the operation steps***):

To save data, two constraints must be taken in account: the ..... of the storage device and the ..... of information to copy in it.

Storage device	Capacity	Can contain how many files of a size of 300 MB ?
DVD	.....	..... → .... files
CD	.....	..... → .... files
Floppy disk	.....	..... → .... files

Good Luck