

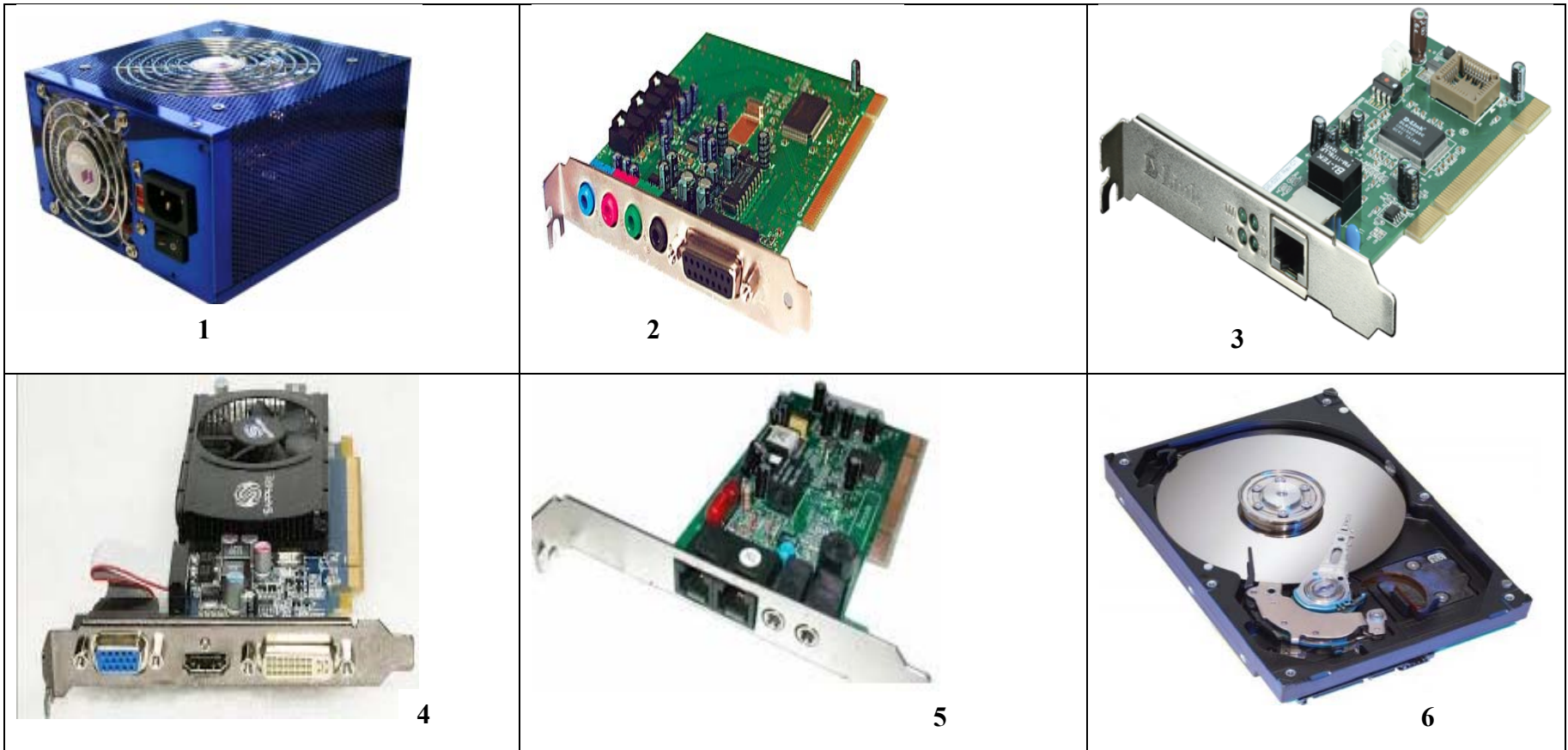
المعدل: (12)
المدة : ساعتان

Treat the following 2 parts:

Part A: Computer assembly

1) Precise the name and the role of each of the following hardware components :

(6 pts)



2) Enumerate some characteristics of the memory RAM.

(1 pt)

Part B-1 : Introduction to operating systems

Choose the right answer (s):

(6 pts)

1. **The tree :**
 - a) Doesn't exist on computer for less than two years.
 - b) Describes the management of the user permissions (password, access rights).
 - c) Describes the organization of the files and folders on the storage units.
2. **The software that ensures the operation of a computer or a network is:**
 - a) The application software.
 - b) The operating system.
 - c) The microprocessor.
3. **DOS is an acronym for :**
 - a) Dual Operating System.
 - b) Dual Organized System.
 - c) Disk Organized System.
 - d) Disk Operating System.
4. **The driver program is needed to operate:**
 - a) The main memory.
 - b) The peripheral.
 - c) The operating system.
 - d) The application programs.
5. **The virtual memory is a part of :**
 - a) The main memory.
 - b) The hard disk.
 - c) The cache memory.
 - d) None of the above.
6. **The file system that offers security :**
 - a) FAT.
 - b) FAT 32.
 - c) DOS.
 - d) NTFS.
7. **The transfer of a process from the real memory to the virtual memory is called :**
 - a) Mapping
 - b) Swapping
 - c) Swap out
 - d) Map out
8. **The memory is divided into partitions in the case of:**
 - a) Monoprograming.
 - b) Multiprogramming.
 - c) Monoprograming and Multiprogramming.
 - d) None of the above.
9. **Represent the basic functions of the operating system :**
 - a) Command interpreter.
 - b) Kernel.
 - c) Library.
 - d) File system.
10. **The segmentation means:**
 - a) The main memory is divided into several segments.
 - b) The main memory is divided into several pages.
 - c) The program is divided into several segments.
 - d) The main memory and the program are divided into segments.
11. **The operating system is part of :**
 - a) Hardware.
 - b) Basic software.
 - c) Application software.
 - d) Peripherals.
12. **The program written in a high level language is called :**
 - a) Objet code.
 - b) Computer code.
 - c) Source code.
 - d) Open Source.

Part B-2: Introduction to Windows operating system

Choose the right answer (s):

(7 pts)

1. **The extension of a file is :**
 - a) A modified copy of the file.
 - b) A longer and more complete version of a file.
 - c) A part of the file's name indicating its type.
2. **To add a printer**
 - a) Control panel→ Add hardware.
 - b) Control panel → Printer & Faxes → Add printer.
 - c) Control panel → System → Add hardware.
 - d) Control panel → Add program→Add Hardware.
3. **Defragmentation is used to:**
 - a) Save the drivers and the system files.
 - b) Collect noncontiguous data in one place, making faster the file execution.
 - c) Create current computer settings image.
 - d) Distribute the contiguous data in many places, make the file execution faster.
4. **To switch between applications, we press on:**
 - a) Alt + Esc
 - b) Alt + Tab
 - c) Ctrl + Tab
 - d) Ctrl + Esc
5. **The files located in the same folder can have the :**
 - a) Same content.
 - b) Same type.
 - c) Same name.
 - d) Same size.
6. **Founded in "My Computer" :**
 - a) Printers.
 - b) Fax.
 - c) Hard disk drives.
 - d) The removable storage units.
7. **The batch File has an extension :**
 - a) BAT.
 - b) BAK.
 - c) DLL.
 - d) INI.
8. **We can add a program by using :**
 - a) Add/ remove hardware.
 - b) Add/remove program.
 - c) Download program.
 - d) My Documents.
9. **Permits to change the form of numbers, dates and times :**
 - a) Regional Options.
 - b) Accessories.
 - c) Windows Update.
 - d) Font.
10. **In « User accounts », the option « parental controls » permits to :**
 - a) Add user accounts.
 - b) Remove user account.
 - c) Change the account picture.
 - d) Control the use of the computer by a user.
11. **The screen resolution correspond to the total number of pixels on :**
 - a) The vertical line.
 - b) The horizontal line.
 - c) The vertical and the horizontal lines.
 - d) The diagonal.
12. **System restore requires :**
 - a) A check point.
 - b) New windows installation.
 - c) New installation of file system.
 - d) All answers.
13. **"Device Manager" is responsible for managing :**
 - a) The input devices.
 - b) The output devices.
 - c) The files.
 - d) The application programs.
14. **In "Windows Update", the updates:**
 - a) Can be downloaded automatically.
 - b) Cannot be downloaded.
 - c) The user can be alerted to the update presence, but it can install them later.
 - d) None of the above.
15. **Is used to compress a file or a folder :**
 - a) WINZIP.
 - b) WINRAR.
 - c) Defragment now.
 - d) Scandisk.
16. **To customize the desktop, we use :**
 - a) Accessibility Options.
 - b) Display.
 - c) Arrange Icons.
 - d) Cascade Windows.