PRACTICAL EXAMINATION PCS

Date: 11-Jul-2012　　　　　　　　　**Duration: 60 phút**
Set: 02　　　　　　　　　　　　　　**Total Mark: 100**

Create an application to manage information about **Computer**. The application consists 3 file: **Computer**.**cs**, **Laptop**.**cs**, **HPBrand**.**cs**

Or.No	Description	Marks
1	**Computer.cs:** In this file, create class named **Computer**. It is used to store the information as: - Properties: 　o String id. 　o Float price. 　o int year. - Use C# properties with set and get for all information. - Override method ToString to output all information.	**30** 5 15 10
2	**Laptop.cs:** This class has some information: - ArrayList to add laptop into list. - Methods: 　o **doAdd()**: Add new into list. (Hint: Input information and use use C# properties). 　o **doList()**: Display information of all of latop in list. An error message is raised if no any laptop in list.(Hint: Use toString() method). 　o **doSearch()**: search information of latop in list by id and display result. An error message is raised if no latop to display.	**40** 10 10 10 10
3	**HPBrand.cs:** - main class has a user interface and execute program. - Method **menu()** show user's choice: 　o Add new laptop. 　o Display all information. 　o Search information. 　o Quit. - Interact and display result.	**30** 20 10

Note: All the marks are evaluated in the main method