Do not write on this question paper and return it to the Invigilator after the examination.

## PRACTICAL EXAMINATION PCS

Date: Duration: 60 phút Set: 00 Total Mark: 100

Create an application to manage information about **Pupil**. The application consists 4 file: **Person.cs**, **Pupils.cs**, **PupilsManagement.cs**, **Application.cs** 

Or.No	Description	Marks
1	<b>Person.cs:</b> In this file, creating abstract class named <b>Person</b> . It is used to store the abstract method named <b>personalReport</b> .	20
2	Pupils.cs: Creating class named Pupils that is subclass of Person class. This class has some information:  - Use Properties with read and write on:  o private string name.  o private int age. (Accept value > 0 and <=18 only)  o private string nationality.  - Override methods personalReport.	20
3	PupilsManagement.cs:  - Declaring a delegate Display without any parameters.  - Declaring class named PupilsManagement. This class has some information:  - Declaring a generic List <pupils>.  - Methods:  - addPupils(): Add new into list. (Hint: Input information and use use C# properties).  - showPupils(): Display information of all of Pupils in list. An error message is raised if no any pupils in list.</pupils>	30
	Application.cs:  - Main in class has a user interface and execute program.	30
	<ul> <li>Menu show user's choice (call all PupilsManagement method by Display delegate):         <ul> <li>Add new pupils.</li> <li>Display all information.</li> <li>Quit.</li> </ul> </li> <li>Interact and display result.</li> </ul>	

Note: All the marks are evaluated in the main method

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