

### PRACTICAL EXAMINATION PCS

**Date:**

**Duration: 60 phút**

**Set:**

**Total Mark: 100**

1. Creating a Batch class that is subclass of IEnumerable class.
2. Using the concept of Properties in C# to declare the following information on the student:
  - **StudentCode** string, accepts only data with format: "AAA-xxx"
  - **StudentName** string, only letters and spaces are accepted
  - **Phone** number int, accepts only data with format: "xxx-xxxxxxx".
  - **Age**. int, positive integer between 10 and 50
3. Using ArrayList to store student into list.
4. Declaring a delegate named MyDelegate with string parameter.
5. Declaring an event named MyEvent to raise some event error message in program.
6. Creating class Test. An instance of the Batch class and displays the following menu of options to the user.
  - Add student to the class.
  - Search student by student name.
  - Display all students.
  - Exit.
7. The user can chooses any option that invokes a corresponding method on the instance of the Batch class.