Application Development Fundamentals II - Exam Paper

Duration: 60 minutes | Mark: 25

A school wants to automate their management process. They want to make easy entering, modifying and displaying record of students. As a developer, you need to perform the following tasks:

- ✓ Create a menu:
    - o 1. Add new student
    - o 2. Save
    - o 3. Display all students
    - o 4. Exit
- ✓ Implement option 1 to add records into a collection. It should ask user to enter student's details including 'EnrolID', 'FirstName', 'LastName', 'Age'.
- ✓ Implement option 2 to save the entered student into a data file named **students.dat**.
- ✓ Implement option 3 to display all records in **students.dat** file as **Figure** 1.
- ✓ Exit option should terminate the application.

EnrolID	Full Name	Age
GC00123	Nguyễn Xuân Huy	19
GC00125	Hoàng Thu Thảo	18

Figure 1

Marking:	
2.0	Creating Student class(constructor, set/get method)
6.0	Writing Add function
6.0	Writing Save function
7.0	Writing Display function
1.0	Writing menu method
3.0	Main method(creating objects, calling menu method, calling add, display, save methods)
25	Total Marks