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Application Development Fundamentals II - Exam Paper

Duration: 60 minutes | Mark: 25

A school management wants an automated student management program. They want to make easy entering, modifying and displaying records of student information. As a developer, you need to perform the following tasks:

1. Create a menu:
   o 1. Add student records
   o 2. Display student records
   o 3. Save
   o 4. Exit

2. Implement option 1 to add records into a collection of students. It should ask first to enter student's personal details such as 'Student ID', 'Name', 'Address', 'Phone'. You have to write a dedicated class named Student to keep track of student information.

3. Implement option 2 to display all students in the collection. The sample output is shown as Fig1.

4. Implement option 3 to save all records from the collection into a **Student table**; each record per line and fields (StudentID, Name, Address, Phone) are separated by commas.

5. Exit option should terminate the application.

Student ID	Student Name	Address	Phone
B01010	Nguyen Tuan Anh	Ha Noi	0904818238
B10394	Nguyen Hoang Hai	Hai Duong	0494949494

Fig 1

Marking:	
1.0	Creating Student class(constructors, set/get methods)
7.0	Implementing Add function
3.0	Implementing Display function
9.0	Implementing Save function
5.0	Main method(creating objects, create menu, calling add, display, save methods)
25	Total Mark