



## ***Application Programming - Exam Paper***

*Duration: 60 minutes / Mark: 25*

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

1. Create a menu:
  - 1. Add product records
  - 2. Display product records
  - 3. Delete product by Id
  - 4. Exit
2. Implement option 1 to add records into a collection of products. It should ask first to enter product's personal details such as 'Product ID', 'Name', 'Price'. You have to write a dedicated class named Product to keep track of product information.
3. Implement option 2 to display all products in the collection. The sample output is shown as Figure1.
4. Implement option 3 to delete product by Id as given input parameter.
5. Exit option should terminate the application.

Product ID	Product Name	Price
MN001	Monitor	\$38
C01022	CPU	\$94

Figure 1

<b>Marking:</b>	
1.0	Creating Product class(constructors, properties)
7.0	Implementing Add function
3.0	Implementing Display function
8.0	Implementing Delete function
5.0	Main method(creating objects, create menu, calling add, display, delete methods)
1.0	Style programming (class name, method and variable name).
25	Total Mark