National University of Computer and Emerging Sciences

Program: BS(SE)	**Total Marks:** 20 marks
Section: ____	**Time Allowed:** 20 minutes
Date: Feb 3, 2024	**Instructor:** Bilal Khalid Dar
Student Name: _____	**Student Signature:**
Registration No. _____	_____

Quiz 1 (a) – DB

Below is the customer table in the ecommerce database?

	CustomerId ▾	FirstName ▾	LastName ▾	DateCreated ▾	Cli
⊞	1	Homer	Simpson	13/06/2014 3:33:37 PM	
⊞	2	Peter	Griffin	13/06/2014 9:09:56 PM	
⊞	3	Stewie	Griffin	13/06/2014 9:16:07 PM	
⊞	4	Brian	Griffin	13/06/2014 9:16:36 PM	
⊞	5	Cosmo	Kramer	13/06/2014 9:16:41 PM	
⊞	6	Philip	Fry	13/06/2014 9:17:02 PM	
⊞	7	Amy	Wong	13/06/2014 9:22:05 PM	
⊞	8	Hubert J.	Farnsworth	13/06/2014 9:22:19 PM	
⊞	9	Marge	Simpson	13/06/2014 9:22:37 PM	
⊞	10	Bender	Rodríguez	13/06/2014 9:22:52 PM	
⊞	11	Turanga	Leela	13/06/2014 9:23:37 PM	
＊	(New)			15/06/2014 9:00:01 PM	

Define a multivalued attribute for the above table with example.

A multivalued attribute is an attribute that have multiple value for single record.
e.g. A customer can have multiple addresses so it will be a multivalued attribute
5 marks

Write complete metadata of above entity.

CustomerID
FirstName
LastName
DateCreated

2.5 each each
What is the difference between Database Management System and Database Systems

management system manages the data only
while the application program and Database Management System together is database system
2.5 for each