

**Question 1**

Answer the questions below based on the following table structure:

StdID	StdName	ActNo	ActName	ActDesc	ClubID	ClubName	ClubAdvisor
201201	Aisyah	A155	Cycling	Recreational activities	C099	Recreational Club	En.Talib
		A132	Dinner	Club dinner	C126	Bizzcom	Pn. Alyah
201245	Julia	A132	Dinner	Club dinner	C126	Bizzcom	Pn. Alyah
		A001	Academic Trip	Visit to IT company	C550	Accounting	Pn. Salmi
201211	Fuad	A001	Academic Trip	Visit to IT company	C550	Accounting	Pn. Salmi

a. What normal form is the table in? give reason(s) to support your answer.

(2 marks)

b. Identify the primary key(s) for the above table.

(2 marks)

c. Normalize the table into 3NF. Show your complete work for each stage.

(8 marks)

Question 2

Provide SQL commands for the following questions:

CUSTOMER(CUSTID, CUSTNAME, CUSTADD)

DVD(DVDCODE, DVDTITLE, DVDPRICE, DVDGENRE, DVDCOPY)

RENTAL(CUSTID\*, DVDCODE\*, RENTALDATE, RENTALUNIT, RENTALPRICE, RENTALAMOUNT)

a. Create a RENTAL table.

(4 marks)

b. Insert a new DVD with following data:

'DVD122', 'DESPICABLE ME 2', 'RM10.00', 'COMEDY', 10

(2 marks)

c. List the DVDs from a different genre.

(2 marks)