

**Question 2.**

Munjiru is a secretary for the Entrepreneurs Club. She has been told to use a database management system (DBMS) to help the club maintain records on the club's members. Perform the following operations just like Munjiru would

- a.
  - i. Create a database table (or file) that has the following fields of data for each member last name, first name, membership number, date of registration, membership fee paid, age, telephone number and a memo field status (14 marks)
  - ii. Make the membership number record identifier (the primary key) (2 marks)
  - iii. Index on membership number (2 marks)
- b. Input the following data:

Last name	First name	Membership number	Date of registration	Membership fee paid	Age	Telephone	Status
Munjiru	Margaret	Yec/002	11.08.93	5000.00	45	573223	Fully paid Founder Member
Salim	Said	Yec / 101	15.07.98	5000.00	50	568880	Fully paid Ordinary Member
Kamau	John	Yec / 007	01.01.94	2000.00	65	443311	Senior citizen Member with concessionary rates
Onyango	Victor	Yec / 031	10.02.96	4000.00	37	747419	Ordinary Member to pay 1000.00
Ali	Majid	Yec / 055	19.10.96	3500.00	32	720122	Ordinary Member to pay 1500.00
Katiku	Peter	Yec / 067	15.05.97	0.00	25	717100	Ordinary Member Defaulter
Korir	Kelvin	Yec / 098	05.03.98	5000.00	38	767822	Ordinary Member, fully paid
Wafula	Joyce	Yec / 023	23.04.95	5000.00	43	500655	Ordinary Member, fully paid
Kikoto	Mary	Yec / 048	09.06.96	2000.00	28	543421	Temporary Member for 6 Months only
Vijhu	Machu	Yec / 074	29.11.97	1000.00	55	811015	Honorary member

- c. i. Insert the field that will accommodate Y for Yes and N for No  
ii. Indicate in these new fields those members who have paid more than sh. 4000.00 with Y otherwise N  
iii. Save table as A: Club2 (6 marks)
- d. i. Create a query that contains the fields Membership Number, Last Name, Date of registration, Membership fee paid and status for all members who have paid less than sh. 4000.00 and registered after 15/4/1995 or are above 35 years of age (8 marks)  
ii. Write on the paper provided the query expression you use (2 marks)  
iii. Save the query as A: clubQ (2 marks)
- e. i. Excluding the status field, create a report and give it the title: ENTREPRENEURS CLUB (10 marks)  
ii. Save the report as A: ClubR (2 marks)

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