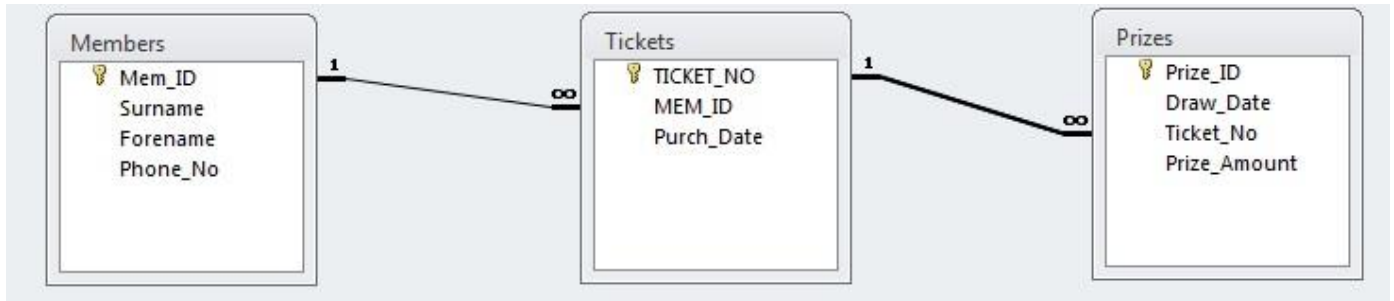Write your answers on the answer booklet provided.
Ensure that your T-Number/Group(GD/ITS/MM/SD) is entered at the top of the booklet.
Do NOT use red pen.

Consider the following database tables:

Where all dates are of the format dd/mm/yyyy and each draw date has many prizes.
Some tickets have never won a prize. A member may not have a phone number.

Some **sample** data is shown in the tables below:

Members

Mem_ID	Surname	Forename	Phone_No
1	SMITH	MIKE	0871233400
2	JONES	TOM	0851236788
3	KELLY	MARY	0873347764
4	SMITH	ALAN	0865067126
5	KENNY	PETER	0875672747

Tickets

TICKET_NO	MEM_ID	Purch_Date
100001	4	01/08/2012
100002	1	02/08/2012
100003	4	12/08/2012
100004	2	16/08/2012

Prizes

Prize_ID	Draw_Date	Ticket_No	Prize_Amou
1	01/01/2009	100004	€1,000.00
2	01/01/2009	100001	€500.00
3	01/02/2009	100003	€100,000.00
4	01/02/2009	100001	€25,000.00

Answer the questions on the following page.

Write the SQL statements to do the following

1	List all members in order of Surname and forename.	**2 Marks**
2	List all tickets in descending order of Purch_Date	**2 Marks**
3	List all tickets purchased in 2009.	**3 Marks**
4	List details of all members with a surname beginning with the letter 'K'.	**3 Marks**
5	List details of all members with a surname ending with the letters 'th'.	**3 Marks**
6	List the details of all members with a surname containing the letters 'oo'.	**3 Marks**
7	List the ticket number and member name details for all tickets.	**5 Marks**
8	List the ticket number, prize amount and member name details for all winning tickets.	**6 Marks**
9	Find how many members there are.	**4 Marks**
10	Show the biggest and smallest prize ever won.	**4 Marks**
11	Show the total amount of money ever paid in prizes.	**4 Marks**
12	Find the average prize amount.	**4 Marks**
13	List all prizes which exceed the average prize amount ever won in ascending order of draw date.	**6 marks**
14	List the Ticket_No and number of prizes won for each ticket.	**5 Marks**
15	Show, for each member, the number of tickets they hold.	**5 Marks**
16	Show the draw date and total prize amounts for each draw date.	**6 Marks**
17	Show the draw date and total prize amounts for each draw date where the total prizes paid exceeds €15,000.	**8 Marks**
18	List all ticket numbers which have never won a prize – Use an OUTER Join	**10 Marks**
19	List all members who have never won a prize – Use the IN operator	**8 Marks**
20	Create the table Prizes.	**9 Marks**
	TOTAL MARKS	**100 Marks**