PUZZLES TEST BASED VERBAL REASONING PRACTICE QUESTIONS AND ANSWERS PDF WITH EXPLANATION

For All Competitive SSC, Bank, IBPS, UPSC, Railway, IT & Other Govt. Exams

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Directions:

Study the following information carefully and answer the below questions.

Nine persons – B, C, G, K, M, Q, T, W, and Z are visited a tourist place during nine different months viz.- January, March, April, July, August, September, October, November, and December in the same year. Each person likes different colors viz.- Pink, Blue, Black, Yellow, Brown, White, Orange, Red, and Green. All the above information is not necessary in the same order. Three persons are visited between the one who likes Pink and K, who visits in one of the month having an even number of days.

Three persons are visited between the one who likes Brown and M, who doesn't like Red. The one who likes Brown visits in October. The number of persons visited between T and the one who likes Brown is one less than the number of persons visited between C and the one who likes Pink. C neither visited in December nor July. T neither likes Pink nor Red. The one who likes White visited immediately before C, who neither likes Brown nor Orange. The number of persons visited between Z and the one who likes White is one more than the number of persons visited after the one who likes Red. Z visits in any month after the one who likes Blue. Two persons are visited between the one who likes Black and W, who visits in one of the month having an odd number of days. W, who doesn't like Pink, visits immediately after the one who likes Green. Neither G nor Q likes Pink. The number of persons visited between B and the one who likes Blue is one more than the number of persons visited between G and the one who likes Orange.

Q1. Which of the following statement is/are not true? I. The one who likes Red visits immediately after Z. II. Three persons are visited between M and the one who likes Brown. III. The one who likes Orange visited immediately before G.

a) Only I

b) Both II and III

c) Both I and II

d) Only III

Directions:

Study the following information carefully and answer the below questions.

Eight friends A, B, C, D, E, F, G, and H are living in eight different floors of a building. Each of them belongs to different district code viz., 58, 90, 60, 23, 67, 45, 89 and 15. All the above information is not necessarily in the same order. The lower most floor of the building is numbered as one, the floor above is numbered as two and so on till the topmost floor numbered as 8.Only one person lives on each floor.

The one who belongs to the district code 45 and the one whose district code is 15 are immediate neighbours. A lives immediately above F. F lives in an odd numbered floor. G lives two floors above F. F's district code is three times to that of H's district code. G's district code is thirty-five greater than B's district code. C lives on the top most floor. The difference of C's and E's district code is thirty. C's district code is an even number which is less than E.D's district code is 89. D lives four floors below G. A lives on an even numbered floor below the sixth floor. A's district code is forty-four greater than B. B lives somewhere above F. E lives immediately below C.

Q2. Whose district code is 45?

a) The one who lives in third floor

b) The one who lives in fifth floor

c) The one who lives in first floor

d) The one who lives in fourth floor

e) The one who lives in topmost floor

Q3. Who lives on the second floor?

a) D

b) H

c) E

d) B

e) None of these

Q4. What is the total of E's and D's district code?

a) 180

b) 60

c) 189

d) 38

e) 179

Q5. Whose district code is 58?

a) C

b) A

c) E

d) G

e) None of these

Q6. A belongs to which of the following district code?

a) 60

b) 89

c) 67

d) 23

e) None of these

Directions:

Answer the questions based on the information given below:

There are eight friends A, B, C, D, J, K, L and M were born on in March, April, June and July on either 10th or 20th of month. The ones who were born in a month having 30 days likes different fruits i.e. Apple, Mango, Grapes and Banana not necessarily in the same order. The ones who were born in a month having 31 days like different colours i.e. Black, Brown, Orange, Pink not necessarily in the same order.

No person was born between the ones who like Brown colour and the one who likes Grapes. The one who likes Brown colour was not born on 20th of any month. No person was born between D and the one who likes Banana. One person was born between A and the one who likes Apple. The one who likes Mango and Apple were born either on the same date or in the same month. One person was born between B and M. A likes Black colour. K does not like fruits. No person was born between C and one who likes Orange colour. M does not like fruits. D was born in April. One person was born between D and J. J does not like any colour. Same number of people was born before B as after J. The number of people born between the one who likes Pink colour and the one who likes Mango is same as the number of people born between the one who likes Orange colour and the one who likes Grapes.

Q7. Who among the following borns on 10th July?

a) C

b) A

c) D

d) M

e) None of these

Q8. Which among the following likes Orange?

a) M

b) L

c) K

d) D

e) A

Q9. How many persons born between A and J?

a) One

b) Four

c) Two

d) Three

e) None

Q10. Who among the following born immediate after one who likes Pink colour?

a) K

b) A

c) B

d) L

e) None of these

Q11. Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?

a) J

b) L

c) B

d) D

e) M

Answer the questions based on the information given below: There are eight persons R, S, T, U, V, W, X and Y go to mother dairy to purchase milk on 4th and 7th of different month i.e. March, April, June and August but not necessarily in the same order. The one who purchased 1 litre milk go to mother dairy immediately after V. Number of persons go to mother dairy before R are same as the number of persons go to mother dairy after the one who purchased 8 litre milk. Two person go to mother dairy between W and U and W goes after U. T goes on even date and purchased 3 litre milk. One person go to mother dairy between X and who purchased 6 litre milk. The one who purchased 4 litre milk does not go to mother dairy immediate to S. More than three persons go to mother dairy between Y and V and none of them go at first and last. More than three persons go to mother dairy between Y and the one who purchased 2 litre milk. V and Y do not purchased 7 litre milk. The one who purchased 7 litre milk goes to mother dairy immediate before U. R go to mother dairy immediately after Y.

Q12. Who among the following purchased 3 litre and 7 litre milk respectively?

a) X, W

b) V, T

c) Y, S

d) T, X

e) U, V

Q13. How many people purchased milk between the U and T?

a) Two

b) Three

c) One

d) None

e) More than three

Answers to the above questions :

Q1. Answer: (d)

Case (1)		
Month	Name	Color
JAN	Q	Black
MAR	B	Pink
APR	M	Green
JULY	W	White
AUG	C	Blue
SEP	K	Orange
OCT	Z	Brown
NOV	G	Red
DEC	T	Yellow

We have:

• Three persons are visited between the one who likes Pink and K, who visited in one of the month having an even number of days.

• The one who likes Brown visited in October. That means, in case (1) K visited in September, in case (2) K visited in November.

• Three persons are visited between the one who likes Brown and M, who doesn't like Red.

Based on the above given information we have:

Case (1)			Case (2)		
Month	Name	Color	Month	Name	Color
JAN			JAN		
MAR		Pink	MAR		
APR	M		APR	M	
JULY			JULY		Pink
AUG			AUG		
SEP	K		SEP		
OCT		Brown	OCT		Brown
NOV			NOV	K	
DEC			DEC		

Again, we have:

• The number of persons visited between T and the one who likes Brown is one less than the number of persons visited between C and the one who likes Pink.

• C neither visited in December nor July.

• T neither likes Pink nor Red.

• The one who likes White visits immediately before C, who neither likes Brown nor Orange.

That means, in case (1) C visited in August, in case (2) C visited in March.

Based on the above given information we have:

Case (1)			Case (2)		
Month	Name	Color	Month	Name	Color
JAN			JAN		White
MAR		Pink	MAR	C	
APR	M		APR	M	
JULY		White	JULY		Pink
AUG	C		AUG		
SEP	K		SEP	T	
OCT		Brown	OCT		Brown
NOV			NOV	K	
DEC	T		DEC		

Again, we have:

• The number of persons visited between Z and the one who likes White is one more than the number of persons visited after the one who likes Red.

• Z visits in any month after the one who likes Blue. That means, in case (1) Z visited in October, in case (2) Z visited in July, in case (2a) Z visited in October.

• Two persons are visited between the one who likes Black and W, who visits in one of the month having an odd number of days.

• W, who doesn't like Pink, visits immediately after the one who likes Green.

That means, in case (1) W visited in July, in case (2a) W visited in December, case (2) is not valid.

Based on the above given information we have:

Case (2) is not valid as two persons are visited between the one who likes Black and W.

Again, we have:

• Neither G nor Q likes Pink.

• The number of persons visited between B and the one who likes Blue is one more than the number of persons visited between G and the one who likes Orange.

Since, C doesn't like Orange. That means, in case (1) B likes Pink, and C likes Blue, case (2a) is not valid.

Based on the above given information we have:

Case (1)			Case (2)			Case (2a)		
Month	Name	Color	Month	Name	Color	Month	Name	Color
JAN		Black	JAN		White	JAN		White
MAR		Pink	MAR	C		MAR	C	
APR	M	Green	APR	M		APR	M	
JULY	W	White	JULY	Z	Pink	JULY		Pink
AUG	C		AUG			AUG		Red
SEP	K		SEP	T	Green	SEP	T	Black
OCT	Z	Brown	OCT	W	Brown	OCT	Z	Brown
NOV		Red	NOV	K	Red	NOV	K	Green
DEC	T		DEC			DEC	W	

Case (1)			Case (2a)		
Month	Name	Color	Month	Name	Color
JAN	Q	Black	JAN		White
MAR	B	Pink	MAR	C	
APR	M	Green	APR	M	
JULY	W	White	JULY		Pink
AUG	C	Blue	AUG		Red
SEP	K	Orange	SEP	T	Black
OCT	Z	Brown	OCT	Z	Brown
NOV	G	Red	NOV	K	Green
DEC	T	Yellow	DEC	W	

Case (2a) is not valid as the number of persons visited between B and the one who likes Blue is one more than the number of persons visited between G and the one who likes Orange.

Q2. Answer: (a)

FLOOR.NO	PERSONS	DISTRICT CODE
8	C	60
7	E	90
6	B	23
5	G	58
4	A	67
3	F	45
2	H	15
1	D	89

Explanation:

Step 1:

C lives in the top most floor.

E lives immediately below C.

F lives in an odd numbered floor.

G lives two floors above F. D lives four floors below G.

D's district is 89.

FLOOR.NO	PERSONS	DISTRICT CODE
8	C	
7	E	
6		
5	G	
4		
3	F	
2		
1	D	89

Step 2:

B lives somewhere above F.

A lives immediately above F.A lives on an even numbered floor below the sixth floor.

F's district code is three times of H's district code. So H's district code is 15 and F's district code is 45.

The one who belongs to the district code 45 and the one whose code is 15 are immediate neighbours.

FLOOR.NO	PERSONS	DISTRICT CODE
8	C	
7	E	
6	B	
5	G	
4	A	
3	F	45
2	H	15
1	D	89

Step 3:

A's district code is forty-four greater than B. So (67- 23=44) B's district code is 23 and A's district code is 67. The difference of C's and E's district code is thirty. C's district code is an even number which is less than E. G's district code is thirty-five greater than B's district code.

FLOOR.NO	PERSONS	DISTRICT CODE
8	C	60
7	E	90
6	B	23
5	G	58
4	A	67
3	F	45
2	H	15
1	D	89

Q3. Answer: (b)

FLOOR.NO	PERSONS	DISTRICT CODE
8	C	60
7	E	90
6	B	23
5	G	58
4	A	67
3	F	45
2	H	15
1	D	89

Explanation:

Step 1:

C lives in the top most floor.

E lives immediately below C.

F lives in an odd numbered floor.

G lives two floors above F. D lives four floors below G.

D's district is 89.

FLOOR.NO	PERSONS	DISTRICT CODE
8	C	
7	E	
6		
5	G	
4		
3	F	
2		
1	D	89

Step 2:

B lives somewhere above F.

A lives immediately above F.A lives on an even numbered floor below the sixth floor.

F's district code is three times of H's district code. So H's district code is 15 and F's district code is 45.

The one who belongs to the district code 45 and the one whose code is 15 are immediate neighbours.

FLOOR.NO	PERSONS	DISTRICT CODE
8	C	
7	E	
6	B	
5	G	
4	A	
3	F	45
2	H	15
1	D	89

Step 3:

A's district code is forty-four greater than B. So (67- 23=44) B's district code is 23 and A's district code is 67. The difference of C's and E's district code is thirty. C's district code is an even number which is less than E. G's district code is thirty-five greater than B's district code.

FLOOR.NO	PERSONS	DISTRICT CODE
8	C	60
7	E	90
6	B	23
5	G	58
4	A	67
3	F	45
2	H	15
1	D	89

Q4. Answer: (e)

FLOOR.NO	PERSONS	DISTRICT CODE
8	C	60
7	E	90
6	B	23
5	G	58
4	A	67
3	F	45
2	H	15
1	D	89

Explanation:

Step 1:

C lives in the top most floor.

E lives immediately below C.

F lives in an odd numbered floor.

G lives two floors above F. D lives four floors below G.

D's district is 89.

FLOOR.NO	PERSONS	DISTRICT CODE
8	C	
7	E	
6		
5	G	
4		
3	F	
2		
1	D	89

Step 2:

B lives somewhere above F.

A lives immediately above F.A lives on an even numbered floor below the sixth floor.

F's district code is three times of H's district code. So H's district code is 15 and F's district code is 45.

The one who belongs to the district code 45 and the one whose code is 15 are immediate neighbours.

FLOOR.NO	PERSONS	DISTRICT CODE
8	C	
7	E	
6	B	
5	G	
4	A	
3	F	45
2	H	15
1	D	89

Step 3:

A's district code is forty-four greater than B. So (67- 23=44) B's district code is 23 and A's district code is 67. The difference of C's and E's district code is thirty. C's district code is an even number which is less than E. G's district code is thirty-five greater than B's district code.

FLOOR.NO	PERSONS	DISTRICT CODE
8	C	60
7	E	90
6	B	23
5	G	58
4	A	67
3	F	45
2	H	15
1	D	89

Q5. Answer: (d)

FLOOR.NO	PERSONS	DISTRICT CODE
8	C	60
7	E	90
6	B	23
5	G	58
4	A	67
3	F	45
2	H	15
1	D	89

Explanation:

Step 1:

C lives in the top most floor.

E lives immediately below C.

F lives in an odd numbered floor.

G lives two floors above F. D lives four floors below G.

D's district is 89.

FLOOR.NO	PERSONS	DISTRICT CODE
8	C	
7	E	
6		
5	G	
4		
3	F	
2		
1	D	89

Step 2:

B lives somewhere above F.

A lives immediately above F.A lives on an even numbered floor below the sixth floor.

F's district code is three times of H's district code. So H's district code is 15 and F's district code is 45.

The one who belongs to the district code 45 and the one whose code is 15 are immediate neighbours.

FLOOR.NO	PERSONS	DISTRICT CODE
8	C	
7	E	
6	B	
5	G	
4	A	
3	F	45
2	H	15
1	D	89

Step 3:

A's district code is forty-four greater than B. So (67- 23=44) B's district code is 23 and A's district code is 67. The difference of C's and E's district code is thirty. C's district code is an even number which is less than E. G's district code is thirty-five greater than B's district code.

FLOOR.NO	PERSONS	DISTRICT CODE
8	C	60
7	E	90
6	B	23
5	G	58
4	A	67
3	F	45
2	H	15
1	D	89

Q6. Answer: (c)

FLOOR.NO	PERSONS	DISTRICT CODE
8	C	60
7	E	90
6	B	23
5	G	58
4	A	67
3	F	45
2	H	15
1	D	89

Explanation:

Step 1:

C lives in the top most floor.

E lives immediately below C.

F lives in an odd numbered floor.

G lives two floors above F. D lives four floors below G.

D's district is 89.

FLOOR.NO	PERSONS	DISTRICT CODE
8	C	
7	E	
6		
5	G	
4		
3	F	
2		
1	D	89

Step 2:

B lives somewhere above F.

A lives immediately above F.A lives on an even numbered floor below the sixth floor.

F's district code is three times of H's district code. So H's district code is 15 and F's district code is 45.

The one who belongs to the district code 45 and the one whose code is 15 are immediate neighbours.

FLOOR.NO	PERSONS	DISTRICT CODE
8	C	
7	E	
6	B	
5	G	
4	A	
3	F	45
2	H	15
1	D	89

Step 3:

A's district code is forty-four greater than B. So (67- 23=44) B's district code is 23 and A's district code is 67. The difference of C's and E's district code is thirty. C's district code is an even number which is less than E. G's district code is thirty-five greater than B's district code.

FLOOR.NO	PERSONS	DISTRICT CODE
8	C	60
7	E	90
6	B	23
5	G	58
4	A	67
3	F	45
2	H	15
1	D	89

Q7. Answer: (a)

Explanation in detail:

1. D was born in April.

2. One person was born between D and J.

3. J does not like any colour.

So J does not born in January.

CASE1:

March-10 (31 Days)		
March-20 (31 Days)		
April- 10 (30 Days)	D	
April- 20 (30 Days)		
June-10 (30 Days)	J	
June-20 (30 Days)		
July-10 (31 Days)		
July-20 (31 Days)		

CASE2:

March-10 (31 Days)		
March-20 (31 Days)		
April- 10 (30 Days)		
April- 20 (30 Days)	D	
June-10 (30 Days)		
June-20 (30 Days)	J	
July-10 (31 Days)		
July-20 (31 Days)		

1. Same number of people was born before B as after J.

2. One person was born between B and M.

3. M does not like fruits.

4. No person was born between D and the one who likes Banana.

CASE1:

March-10 (31 Days)		
March-20 (31 Days)	M	
April- 10 (30 Days)	D	
April- 20 (30 Days)	B	Banana
June-10 (30 Days)	J	
June-20 (30 Days)		
July-10 (31 Days)		
July-20 (31 Days)		

CASE2a:

March-10 (31 Days)	M	
March-20 (31 Days)		
April- 10 (30 Days)	B	Banana
April- 20 (30 Days)	D	
June-10 (30 Days)		
June-20 (30 Days)	J	
July-10 (31 Days)		
July-20 (31 Days)		

CASE2b:

March-10 (31 Days)	M	
March-20 (31 Days)		
April- 10 (30 Days)	B	
April- 20 (30 Days)	D	
June-10 (30 Days)		Banana
June-20 (30 Days)	J	
July-10 (31 Days)		
July-20 (31 Days)		

5. No person was born between the ones who like Brown colour and the one who likes Grapes.

6. The one who likes Brown colour was not born on 20th of any month.

CASE1:

March-10 (31 Days)		
March-20 (31 Days)	M	
April- 10 (30 Days)	D	
April- 20 (30 Days)	B	Banana
June-10 (30 Days)	J	
June-20 (30 Days)		Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

CASE2a:

March-10 (31 Days)	M	
March-20 (31 Days)		
April- 10 (30 Days)	B	Banana
April- 20 (30 Days)	D	
June-10 (30 Days)		
June-20 (30 Days)	J	Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

CASE2b:

March-10 (31 Days)	M	
March-20 (31 Days)		
April- 10 (30 Days)	B	
April- 20 (30 Days)	D	
June-10 (30 Days)		Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

7. A likes Black colour.

8. One person was born between A and the one who likes Apple.

9. The one who likes Mango and Apple were born either on the same date or in the same month.

So only possibility of A in month of Marc

CASE1:

March-10 (31 Days)	A	
March-20 (31 Days)	M	
April- 10 (30 Days)	D	Apple
April- 20 (30 Days)	B	Banana
June-10 (30 Days)	J	
June-20 (30 Days)		Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

CASE2a:

March-10 (31 Days)	M	
March-20 (31 Days)	A	
April- 10 (30 Days)	B	Banana
April- 20 (30 Days)	D	Apple
June-10 (30 Days)		
June-20 (30 Days)	J	Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

CASE2b:

March-10 (31 Days)	M	
March-20 (31 Days)	A	
April- 10 (30 Days)	B	
April- 20 (30 Days)	D	Apple
June-10 (30 Days)		Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

10. No person was born between C and one who likes Orange colour.

11. K does not like fruits.

There is only one place for Mango.

CASE1:

March-10 (31 Days)	A	
March-20 (31 Days)	M	
April- 10 (30 Days)	D	Apple
April- 20 (30 Days)	B	Banana
June-10 (30 Days)	J	Mango
June-20 (30 Days)	L	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

CASE2a:

March-10 (31 Days)	M	
March-20 (31 Days)	A	
April- 10 (30 Days)	B	Banana
April- 20 (30 Days)	D	Apple
June-10 (30 Days)	L	Mango
June-20 (30 Days)	J	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

CASE2b:

March-10 (31 Days)	M	
March-20 (31 Days)	A	
April- 10 (30 Days)	B	Mango
April- 20 (30 Days)	D	Apple
June-10 (30 Days)	L	Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

12. The number of people born between the one who likes Pink colour and the one who likes Mango is same as the number of people born between the one who likes Orange colour and the one who likes Grapes.

So there is no space for Pink in CASE1 and CASE2a to satisfy the above statement so CASE1 and CASE2a is cancelled out.

CASE2b:

March-10 (31 Days)	M	Pink
March-20 (31 Days)	A	Black
April- 10 (30 Days)	B	Mango
April- 20 (30 Days)	D	Apple
June-10 (30 Days)	L	Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

Final arrangement:

March-10 (31 Days)	M	Pink
March-20 (31 Days)	A	Black
April- 10 (30 Days)	B	Mango
April- 20 (30 Days)	D	Apple
June-10 (30 Days)	L	Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

Q8. Answer: (c)

Explanation in detail:

1. D was born in April.

2. One person was born between D and J.

3. J does not like any colour.

So J does not born in January.

CASE1:

March-10 (31 Days)		
March-20 (31 Days)		
April- 10 (30 Days)	D	
April- 20 (30 Days)		
June-10 (30 Days)	J	
June-20 (30 Days)		
July-10 (31 Days)		
July-20 (31 Days)		

CASE2:

March-10 (31 Days)		
March-20 (31 Days)		
April- 10 (30 Days)		
April- 20 (30 Days)	D	
June-10 (30 Days)		
June-20 (30 Days)	J	
July-10 (31 Days)		
July-20 (31 Days)		

1. Same number of people was born before B as after J.

2. One person was born between B and M.

3. M does not like fruits.

4. No person was born between D and the one who likes Banana.

CASE1:

March-10 (31 Days)		
March-20 (31 Days)	M	
April- 10 (30 Days)	D	
April- 20 (30 Days)	B	Banana
June-10 (30 Days)	J	
June-20 (30 Days)		
July-10 (31 Days)		
July-20 (31 Days)		

CASE2a:

March-10 (31 Days)	M	
March-20 (31 Days)		
April- 10 (30 Days)	B	Banana
April- 20 (30 Days)	D	
June-10 (30 Days)		
June-20 (30 Days)	J	
July-10 (31 Days)		
July-20 (31 Days)		

CASE2b:

March-10 (31 Days)	M	
March-20 (31 Days)		
April- 10 (30 Days)	B	
April- 20 (30 Days)	D	
June-10 (30 Days)		Banana
June-20 (30 Days)	J	
July-10 (31 Days)		
July-20 (31 Days)		

5. No person was born between the ones who like Brown colour and the one who likes Grapes.

6. The one who likes Brown colour was not born on 20th of any month.

CASE1:

March-10 (31 Days)		
March-20 (31 Days)	M	
April- 10 (30 Days)	D	
April- 20 (30 Days)	B	Banana
June-10 (30 Days)	J	
June-20 (30 Days)		Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

CASE2a:

March-10 (31 Days)	M	
March-20 (31 Days)		
April- 10 (30 Days)	B	Banana
April- 20 (30 Days)	D	
June-10 (30 Days)		
June-20 (30 Days)	J	Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

CASE2b:

March-10 (31 Days)	M	
March-20 (31 Days)		
April- 10 (30 Days)	B	
April- 20 (30 Days)	D	
June-10 (30 Days)		Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

7. A likes Black colour.

8. One person was born between A and the one who likes Apple.

9. The one who likes Mango and Apple were born either on the same date or in the same month.

So only possibility of A in month of Marc

CASE1:

March-10 (31 Days)	A	
March-20 (31 Days)	M	
April- 10 (30 Days)	D	Apple
April- 20 (30 Days)	B	Banana
June-10 (30 Days)	J	
June-20 (30 Days)		Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

CASE2a:

March-10 (31 Days)	M	
March-20 (31 Days)	A	
April- 10 (30 Days)	B	Banana
April- 20 (30 Days)	D	Apple
June-10 (30 Days)		
June-20 (30 Days)	J	Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

CASE2b:

March-10 (31 Days)	M	
March-20 (31 Days)	A	
April- 10 (30 Days)	B	
April- 20 (30 Days)	D	Apple
June-10 (30 Days)		Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

10. No person was born between C and one who likes Orange colour.

11. K does not like fruits.

There is only one place for Mango.

CASE1:

March-10 (31 Days)	A	
March-20 (31 Days)	M	
April- 10 (30 Days)	D	Apple
April- 20 (30 Days)	B	Banana
June-10 (30 Days)	J	Mango
June-20 (30 Days)	L	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

CASE2a:

March-10 (31 Days)	M	
March-20 (31 Days)	A	
April- 10 (30 Days)	B	Banana
April- 20 (30 Days)	D	Apple
June-10 (30 Days)	L	Mango
June-20 (30 Days)	J	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

CASE2b:

March-10 (31 Days)	M	
March-20 (31 Days)	A	
April- 10 (30 Days)	B	Mango
April- 20 (30 Days)	D	Apple
June-10 (30 Days)	L	Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

12. The number of people born between the one who likes Pink colour and the one who likes Mango is same as the number of people born between the one who likes Orange colour and the one who likes Grapes.

So there is no space for Pink in CASE1 and CASE2a to satisfy the above statement so CASE1 and CASE2a is cancelled out.

CASE2b:

March-10 (31 Days)	M	Pink
March-20 (31 Days)	A	Black
April- 10 (30 Days)	B	Mango
April- 20 (30 Days)	D	Apple
June-10 (30 Days)	L	Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

Final arrangement:

March-10 (31 Days)	M	Pink
March-20 (31 Days)	A	Black
April- 10 (30 Days)	B	Mango
April- 20 (30 Days)	D	Apple
June-10 (30 Days)	L	Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

Q9. Answer: (d)

Explanation in detail:

1. D was born in April.

2. One person was born between D and J.

3. J does not like any colour.

So J does not born in January.

CASE1:

March-10 (31 Days)		
March-20 (31 Days)		
April- 10 (30 Days)	D	
April- 20 (30 Days)		
June-10 (30 Days)	J	
June-20 (30 Days)		
July-10 (31 Days)		
July-20 (31 Days)		

CASE2:

March-10 (31 Days)		
March-20 (31 Days)		
April- 10 (30 Days)		
April- 20 (30 Days)	D	
June-10 (30 Days)		
June-20 (30 Days)	J	
July-10 (31 Days)		
July-20 (31 Days)		

1. Same number of people was born before B as after J.

2. One person was born between B and M.

3. M does not like fruits.

4. No person was born between D and the one who likes Banana.

CASE1:

March-10 (31 Days)		
March-20 (31 Days)	M	
April- 10 (30 Days)	D	
April- 20 (30 Days)	B	Banana
June-10 (30 Days)	J	
June-20 (30 Days)		
July-10 (31 Days)		
July-20 (31 Days)		

CASE2a:

March-10 (31 Days)	M	
March-20 (31 Days)		
April- 10 (30 Days)	B	Banana
April- 20 (30 Days)	D	
June-10 (30 Days)		
June-20 (30 Days)	J	
July-10 (31 Days)		
July-20 (31 Days)		

CASE2b:

March-10 (31 Days)	M	
March-20 (31 Days)		
April- 10 (30 Days)	B	
April- 20 (30 Days)	D	
June-10 (30 Days)		Banana
June-20 (30 Days)	J	
July-10 (31 Days)		
July-20 (31 Days)		

5. No person was born between the ones who like Brown colour and the one who likes Grapes.

6. The one who likes Brown colour was not born on 20th of any month.

CASE1:

March-10 (31 Days)		
March-20 (31 Days)	M	
April- 10 (30 Days)	D	
April- 20 (30 Days)	B	Banana
June-10 (30 Days)	J	
June-20 (30 Days)		Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

CASE2a:

March-10 (31 Days)	M	
March-20 (31 Days)		
April- 10 (30 Days)	B	Banana
April- 20 (30 Days)	D	
June-10 (30 Days)		
June-20 (30 Days)	J	Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

CASE2b:

March-10 (31 Days)	M	
March-20 (31 Days)		
April- 10 (30 Days)	B	
April- 20 (30 Days)	D	
June-10 (30 Days)		Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

7. A likes Black colour.

8. One person was born between A and the one who likes Apple.

9. The one who likes Mango and Apple were born either on the same date or in the same month.

So only possibility of A in month of Marc

CASE1:

March-10 (31 Days)	A	
March-20 (31 Days)	M	
April- 10 (30 Days)	D	Apple
April- 20 (30 Days)	B	Banana
June-10 (30 Days)	J	
June-20 (30 Days)		Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

CASE2a:

March-10 (31 Days)	M	
March-20 (31 Days)	A	
April- 10 (30 Days)	B	Banana
April- 20 (30 Days)	D	Apple
June-10 (30 Days)		
June-20 (30 Days)	J	Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

CASE2b:

March-10 (31 Days)	M	
March-20 (31 Days)	A	
April- 10 (30 Days)	B	
April- 20 (30 Days)	D	Apple
June-10 (30 Days)		Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

10. No person was born between C and one who likes Orange colour.

11. K does not like fruits.

There is only one place for Mango.

CASE1:

March-10 (31 Days)	A	
March-20 (31 Days)	M	
April- 10 (30 Days)	D	Apple
April- 20 (30 Days)	B	Banana
June-10 (30 Days)	J	Mango
June-20 (30 Days)	L	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

CASE2a:

March-10 (31 Days)	M	
March-20 (31 Days)	A	
April- 10 (30 Days)	B	Banana
April- 20 (30 Days)	D	Apple
June-10 (30 Days)	L	Mango
June-20 (30 Days)	J	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

CASE2b:

March-10 (31 Days)	M	
March-20 (31 Days)	A	
April- 10 (30 Days)	B	Mango
April- 20 (30 Days)	D	Apple
June-10 (30 Days)	L	Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

12. The number of people born between the one who likes Pink colour and the one who likes Mango is same as the number of people born between the one who likes Orange colour and the one who likes Grapes.

So there is no space for Pink in CASE1 and CASE2a to satisfy the above statement so CASE1 and CASE2a is cancelled out.

CASE2b:

March-10 (31 Days)	M	Pink
March-20 (31 Days)	A	Black
April- 10 (30 Days)	B	Mango
April- 20 (30 Days)	D	Apple
June-10 (30 Days)	L	Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

Final arrangement:

March-10 (31 Days)	M	Pink
March-20 (31 Days)	A	Black
April- 10 (30 Days)	B	Mango
April- 20 (30 Days)	D	Apple
June-10 (30 Days)	L	Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

Q10. Answer: (b)

Explanation in detail:

1. D was born in April.

2. One person was born between D and J.

3. J does not like any colour.

So J does not born in January.

CASE1:

March-10 (31 Days)		
March-20 (31 Days)		
April- 10 (30 Days)	D	
April- 20 (30 Days)		
June-10 (30 Days)	J	
June-20 (30 Days)		
July-10 (31 Days)		
July-20 (31 Days)		

CASE2:

March-10 (31 Days)		
March-20 (31 Days)		
April- 10 (30 Days)		
April- 20 (30 Days)	D	
June-10 (30 Days)		
June-20 (30 Days)	J	
July-10 (31 Days)		
July-20 (31 Days)		

1. Same number of people was born before B as after J.

2. One person was born between B and M.

3. M does not like fruits.

4. No person was born between D and the one who likes Banana.

CASE1:

March-10 (31 Days)		
March-20 (31 Days)	M	
April- 10 (30 Days)	D	
April- 20 (30 Days)	B	Banana
June-10 (30 Days)	J	
June-20 (30 Days)		
July-10 (31 Days)		
July-20 (31 Days)		

CASE2a:

March-10 (31 Days)	M	
March-20 (31 Days)		
April- 10 (30 Days)	B	Banana
April- 20 (30 Days)	D	
June-10 (30 Days)		
June-20 (30 Days)	J	
July-10 (31 Days)		
July-20 (31 Days)		

CASE2b:

March-10 (31 Days)	M	
March-20 (31 Days)		
April- 10 (30 Days)	B	
April- 20 (30 Days)	D	
June-10 (30 Days)		Banana
June-20 (30 Days)	J	
July-10 (31 Days)		
July-20 (31 Days)		

5. No person was born between the ones who like Brown colour and the one who likes Grapes.

6. The one who likes Brown colour was not born on 20th of any month.

CASE1:

March-10 (31 Days)		
March-20 (31 Days)	M	
April- 10 (30 Days)	D	
April- 20 (30 Days)	B	Banana
June-10 (30 Days)	J	
June-20 (30 Days)		Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

CASE2a:

March-10 (31 Days)	M	
March-20 (31 Days)		
April- 10 (30 Days)	B	Banana
April- 20 (30 Days)	D	
June-10 (30 Days)		
June-20 (30 Days)	J	Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

CASE2b:

March-10 (31 Days)	M	
March-20 (31 Days)		
April- 10 (30 Days)	B	
April- 20 (30 Days)	D	
June-10 (30 Days)		Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

7. A likes Black colour.

8. One person was born between A and the one who likes Apple.

9. The one who likes Mango and Apple were born either on the same date or in the same month.

So only possibility of A in month of Marc

CASE1:

March-10 (31 Days)	A	
March-20 (31 Days)	M	
April- 10 (30 Days)	D	Apple
April- 20 (30 Days)	B	Banana
June-10 (30 Days)	J	
June-20 (30 Days)		Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

CASE2a:

March-10 (31 Days)	M	
March-20 (31 Days)	A	
April- 10 (30 Days)	B	Banana
April- 20 (30 Days)	D	Apple
June-10 (30 Days)		
June-20 (30 Days)	J	Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

CASE2b:

March-10 (31 Days)	M	
March-20 (31 Days)	A	
April- 10 (30 Days)	B	
April- 20 (30 Days)	D	Apple
June-10 (30 Days)		Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

10. No person was born between C and one who likes Orange colour.

11. K does not like fruits.

There is only one place for Mango.

CASE1:

March-10 (31 Days)	A	
March-20 (31 Days)	M	
April- 10 (30 Days)	D	Apple
April- 20 (30 Days)	B	Banana
June-10 (30 Days)	J	Mango
June-20 (30 Days)	L	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

CASE2a:

March-10 (31 Days)	M	
March-20 (31 Days)	A	
April- 10 (30 Days)	B	Banana
April- 20 (30 Days)	D	Apple
June-10 (30 Days)	L	Mango
June-20 (30 Days)	J	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

CASE2b:

March-10 (31 Days)	M	
March-20 (31 Days)	A	
April- 10 (30 Days)	B	Mango
April- 20 (30 Days)	D	Apple
June-10 (30 Days)	L	Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

12. The number of people born between the one who likes Pink colour and the one who likes Mango is same as the number of people born between the one who likes Orange colour and the one who likes Grapes.

So there is no space for Pink in CASE1 and CASE2a to satisfy the above statement so CASE1 and CASE2a is cancelled out.

CASE2b:

March-10 (31 Days)	M	Pink
March-20 (31 Days)	A	Black
April- 10 (30 Days)	B	Mango
April- 20 (30 Days)	D	Apple
June-10 (30 Days)	L	Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

Final arrangement:

March-10 (31 Days)	M	Pink
March-20 (31 Days)	A	Black
April- 10 (30 Days)	B	Mango
April- 20 (30 Days)	D	Apple
June-10 (30 Days)	L	Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

Q11. Answer: (e)

Explanation in detail:

1. D was born in April.

2. One person was born between D and J.

3. J does not like any colour.

So J does not born in January.

CASE1:

March-10 (31 Days)		
March-20 (31 Days)		
April- 10 (30 Days)	D	
April- 20 (30 Days)		
June-10 (30 Days)	J	
June-20 (30 Days)		
July-10 (31 Days)		
July-20 (31 Days)		

CASE2:

March-10 (31 Days)		
March-20 (31 Days)		
April- 10 (30 Days)		
April- 20 (30 Days)	D	
June-10 (30 Days)		
June-20 (30 Days)	J	
July-10 (31 Days)		
July-20 (31 Days)		

1. Same number of people was born before B as after J.

2. One person was born between B and M.

3. M does not like fruits.

4. No person was born between D and the one who likes Banana.

CASE1:

March-10 (31 Days)		
March-20 (31 Days)	M	
April- 10 (30 Days)	D	
April- 20 (30 Days)	B	Banana
June-10 (30 Days)	J	
June-20 (30 Days)		
July-10 (31 Days)		
July-20 (31 Days)		

CASE2a:

March-10 (31 Days)	M	
March-20 (31 Days)		
April- 10 (30 Days)	B	Banana
April- 20 (30 Days)	D	
June-10 (30 Days)		
June-20 (30 Days)	J	
July-10 (31 Days)		
July-20 (31 Days)		

CASE2b:

March-10 (31 Days)	M	
March-20 (31 Days)		
April- 10 (30 Days)	B	
April- 20 (30 Days)	D	
June-10 (30 Days)		Banana
June-20 (30 Days)	J	
July-10 (31 Days)		
July-20 (31 Days)		

5. No person was born between the ones who like Brown colour and the one who likes Grapes.

6. The one who likes Brown colour was not born on 20th of any month.

CASE1:

March-10 (31 Days)		
March-20 (31 Days)	M	
April- 10 (30 Days)	D	
April- 20 (30 Days)	B	Banana
June-10 (30 Days)	J	
June-20 (30 Days)		Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

CASE2a:

March-10 (31 Days)	M	
March-20 (31 Days)		
April- 10 (30 Days)	B	Banana
April- 20 (30 Days)	D	
June-10 (30 Days)		
June-20 (30 Days)	J	Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

CASE2b:

March-10 (31 Days)	M	
March-20 (31 Days)		
April- 10 (30 Days)	B	
April- 20 (30 Days)	D	
June-10 (30 Days)		Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

7. A likes Black colour.

8. One person was born between A and the one who likes Apple.

9. The one who likes Mango and Apple were born either on the same date or in the same month.

So only possibility of A in month of Marc

CASE1:

March-10 (31 Days)	A	
March-20 (31 Days)	M	
April- 10 (30 Days)	D	Apple
April- 20 (30 Days)	B	Banana
June-10 (30 Days)	J	
June-20 (30 Days)		Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

CASE2a:

March-10 (31 Days)	M	
March-20 (31 Days)	A	
April- 10 (30 Days)	B	Banana
April- 20 (30 Days)	D	Apple
June-10 (30 Days)		
June-20 (30 Days)	J	Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

CASE2b:

March-10 (31 Days)	M	
March-20 (31 Days)	A	
April- 10 (30 Days)	B	
April- 20 (30 Days)	D	Apple
June-10 (30 Days)		Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)		Brown
July-20 (31 Days)		

10. No person was born between C and one who likes Orange colour.

11. K does not like fruits.

There is only one place for Mango.

CASE1:

March-10 (31 Days)	A	
March-20 (31 Days)	M	
April- 10 (30 Days)	D	Apple
April- 20 (30 Days)	B	Banana
June-10 (30 Days)	J	Mango
June-20 (30 Days)	L	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

CASE2a:

March-10 (31 Days)	M	
March-20 (31 Days)	A	
April- 10 (30 Days)	B	Banana
April- 20 (30 Days)	D	Apple
June-10 (30 Days)	L	Mango
June-20 (30 Days)	J	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

CASE2b:

March-10 (31 Days)	M	
March-20 (31 Days)	A	
April- 10 (30 Days)	B	Mango
April- 20 (30 Days)	D	Apple
June-10 (30 Days)	L	Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

12. The number of people born between the one who likes Pink colour and the one who likes Mango is same as the number of people born between the one who likes Orange colour and the one who likes Grapes.

So there is no space for Pink in CASE1 and CASE2a to satisfy the above statement so CASE1 and CASE2a is cancelled out.

CASE2b:

March-10 (31 Days)	M	Pink
March-20 (31 Days)	A	Black
April- 10 (30 Days)	B	Mango
April- 20 (30 Days)	D	Apple
June-10 (30 Days)	L	Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

Final arrangement:

March-10 (31 Days)	M	Pink
March-20 (31 Days)	A	Black
April- 10 (30 Days)	B	Mango
April- 20 (30 Days)	D	Apple
June-10 (30 Days)	L	Banana
June-20 (30 Days)	J	Grapes
July-10 (31 Days)	C	Brown
July-20 (31 Days)	K	Orange

Q12. Answer: (d)

Explanation in detail:

1. More than three persons go to mother dairy between Y and V and none of them go at first and last.

2. R go to mother dairy immediately after Y.

3. The one who purchased 1 litre milk go to mother dairy immediately after V.

CASE1:

March-4(31 Days)		
March-7(31 Days)	Y	
April-4(30 Days)	R	
April-7(30 Days)		
June -4(30 Days)		
June-7(30 Days)		
August-4(31 Days)	V	
August-7(31 Days)		1 litre

CASE2:

March-4(31 Days)		
March-7(31 Days)	V	
April-4(30 Days)		1 litre
April-7(30 Days)		
June -4(30 Days)		
June-7(30 Days)		
August-4(31 Days)	Y	
August-7(31 Days)	R	

4. More than three persons go to mother dairy between Y and the one who purchased 2 litre milk.

5. Number of persons go to mother dairy before R are same as the number of persons go to mother dairy after the one who purchased 8 litre milk.

CASE1:

March-4(31 Days)		
March-7(31 Days)	Y	
April-4(30 Days)	R	
April-7(30 Days)		
June -4(30 Days)		
June-7(30 Days)		8 litre
August-4(31 Days)	V	2 litre
August-7(31 Days)		1 litre

CASE2:

March-4(31 Days)		8 litre
March-7(31 Days)	V	2 litre
April-4(30 Days)		1 litre
April-7(30 Days)		
June -4(30 Days)		
June-7(30 Days)		
August-4(31 Days)	Y	
August-7(31 Days)	R	

6. Two person go to mother dairy between W and U and W goes after U.

7. The one who purchased 7 litre milk goes to mother dairy immediate before U.

CASE1:

March-4(31 Days)		
March-7(31 Days)	Y	
April-4(30 Days)	R	
April-7(30 Days)		7 litre
June -4(30 Days)	U	
June-7(30 Days)		8 litre
August-4(31 Days)	V	2 litre
August-7(31 Days)	W	1 litre

CASE2:

March-4(31 Days)		8 litre
March-7(31 Days)	V	2 litre
April-4(30 Days)		1 litre
April-7(30 Days)		
June -4(30 Days)		
June-7(30 Days)		
August-4(31 Days)	Y	
August-7(31 Days)	R	

There is no space for 7 litre so CASE2 is cancelled out.

8. T goes on even date and purchased 3 litre milk.

9. One person go to mother dairy between X and who purchased 6 litre milk.

10. The one who purchased 4 litre milk does not go to mother dairy immediate to S.

11. V and Y do not purchased 7 litre milk.

CASE1:

March-4(31 Days)	T	3 litre
March-7(31 Days)	Y	6 litre
April-4(30 Days)	R	4 litre
April-7(30 Days)	X	7 litre
June -4(30 Days)	U	5 litre
June-7(30 Days)	S	8 litre
August-4(31 Days)	V	2 litre
August-7(31 Days)	W	1 litre

Final arrangement:

March-4(31 Days)	T	3 litre
March-7(31 Days)	Y	6 litre
April-4(30 Days)	R	4 litre
April-7(30 Days)	X	7 litre
June -4(30 Days)	U	5 litre
June-7(30 Days)	S	8 litre
August-4(31 Days)	V	2 litre
August-7(31 Days)	W	1 litre

Q13. Answer: (b)

Explanation in detail:

1. More than three persons go to mother dairy between Y and V and none of them go at first and last.

2. R go to mother dairy immediately after Y.

3. The one who purchased 1 litre milk go to mother dairy immediately after V.

CASE1:

March-4(31 Days)		
March-7(31 Days)	Y	
April-4(30 Days)	R	
April-7(30 Days)		
June -4(30 Days)		
June-7(30 Days)		
August-4(31 Days)	V	
August-7(31 Days)		1 litre

CASE2:

March-4(31 Days)		
March-7(31 Days)	V	
April-4(30 Days)		1 litre
April-7(30 Days)		
June -4(30 Days)		
June-7(30 Days)		
August-4(31 Days)	Y	
August-7(31 Days)	R	

4. More than three persons go to mother dairy between Y and the one who purchased 2 litre milk.

5. Number of persons go to mother dairy before R are same as the number of persons go to mother dairy after the one who purchased 8 litre milk.

CASE1:

March-4(31 Days)		
March-7(31 Days)	Y	
April-4(30 Days)	R	
April-7(30 Days)		
June -4(30 Days)		
June-7(30 Days)		8 litre
August-4(31 Days)	V	2 litre
August-7(31 Days)		1 litre

CASE2:

March-4(31 Days)		8 litre
March-7(31 Days)	V	2 litre
April-4(30 Days)		1 litre
April-7(30 Days)		
June -4(30 Days)		
June-7(30 Days)		
August-4(31 Days)	Y	
August-7(31 Days)	R	

6. Two person go to mother dairy between W and U and W goes after U.

7. The one who purchased 7 litre milk goes to mother dairy immediate before U.

CASE1:

March-4(31 Days)		
March-7(31 Days)	Y	
April-4(30 Days)	R	
April-7(30 Days)		7 litre
June -4(30 Days)	U	
June-7(30 Days)		8 litre
August-4(31 Days)	V	2 litre
August-7(31 Days)	W	1 litre

CASE2:

March-4(31 Days)		8 litre
March-7(31 Days)	V	2 litre
April-4(30 Days)		1 litre
April-7(30 Days)		
June -4(30 Days)		
June-7(30 Days)		
August-4(31 Days)	Y	
August-7(31 Days)	R	

There is no space for 7 litre so CASE2 is cancelled out.

8. T goes on even date and purchased 3 litre milk.

9. One person go to mother dairy between X and who purchased 6 litre milk.

10. The one who purchased 4 litre milk does not go to mother dairy immediate to S.

11. V and Y do not purchased 7 litre milk.

CASE1:

March-4(31 Days)	T	3 litre
March-7(31 Days)	Y	6 litre
April-4(30 Days)	R	4 litre
April-7(30 Days)	X	7 litre
June -4(30 Days)	U	5 litre
June-7(30 Days)	S	8 litre
August-4(31 Days)	V	2 litre
August-7(31 Days)	W	1 litre

Final arrangement:

March-4(31 Days)	T	3 litre
March-7(31 Days)	Y	6 litre
April-4(30 Days)	R	4 litre
April-7(30 Days)	X	7 litre
June -4(30 Days)	U	5 litre
June-7(30 Days)	S	8 litre
August-4(31 Days)	V	2 litre
August-7(31 Days)	W	1 litre