30) Answer: a)

31) Answer: c)

32) Answer: d)

33)Answer: a)

34) Answer: a)

Directions(35-39):

- Only two persons will take leave before the one who likes Oppo.
- Only three persons will take leave between the one who likes Oppo and X.
- The number of person will take leave after X is same as the number of the person will take leave before T.
- Only two persons will take leave between T and the one who likes Sony.
- Only two persons will take leave between the one who likes Sony and the one who likes Apple.
- Now we have 2 Cases.

Months and date	Case 1		Case 2	
	Person	Mobile	Person	Mobile
March 18				
March 21	T		T	Apple
April 18		Oppo		Oppo
April 21				
May 18		Sony		Sony
May 21				
June 18	X		X	
June 21		Apple		

- The number of persons will take leave before the one who likes Apple is same as the number of persons will take leave after the one who likes Moto.

- Only two persons will take leave between the one who likes Moto and Y.
- Neither V nor Z will take leave on 21th of the given month.
- V will take leave on one of the days before Z.
- The one who likes Nokia will takes leave on immediately after Z.
- Only three persons will take leave between the one who likes Nokia and the one who likes Vivo.
- From the above condition Case 1 derive further 2 Cases.

Months and date	Case 1(a)		Case 1(b)		Case 2	
	Person	Mobile	Person	Mobile	Person	Mobile
March 18	V	Moto		Moto	V	
March 21	T	Vivo	T	Vivo	T	Apple
April 18		Oppo	V	Oppo	Z	Oppo
April 21	Y		Y		Y	Nokia
May 18	Z	Sony	Z	Sony		Sony
May 21		Nokia		Nokia		
June 18	X		X		X	Moto
June 21		Apple		Apple		Vivo

- The number of persons will take leave between V and Z is same as the number of persons will take leave between the one who likes Apple and the one who likes Samsung.
- W is not takes leave on June.
- S will take leave on one of the days before W.
- From the above condition Case 1(b) and Case 2 was dropped.
- So the final arrangement is..

	Case 1(a)	
Months and date	**Person**	**Mobile**
March 18	V	Moto
March 21	T	Vivo
April 18	S	Oppo
April 21	Y	Samsung
May 18	Z	Sony
May 21	W	Nokia
June 18	X	Lenovo
June 21	U	Apple

35) Answer: E

36) Answer: D

37) Answer: D

38) Answer: C

39) Answer: A

Direction (40-42):

- The one who got seventh rank did not write exam on August or any of the months before August.
- The one who got first rank wrote exam on November.
- B got second rank and wrote exam on March.
- E wrote exam immediately before F.
- E did not write exam on any of the months after B.

Months	**Person**	**Rank**
January	E	
February	F	
March	B	2nd
April		
August		
November		1st
December		7th

- The one who got third rank wrote exam immediately before G.
- Now we have 2 Cases.

Months	Case 1		Case 2	
	Person	**Rank**	**Person**	**Rank**
January	E		E	
February	F		F	
March	B	2nd	B	2nd
April		3rd		
August	G			3rd
November		1st	G	1st
December		7th		7th

- D did not write exam on December.
- D did not get third rank.
- C did not write exam on any of the months before A.

Months	Case 1 Person	Case 1 Rank	Case 2 Person	Case 2 Rank
January	E		E	
February	F		F	
March	B	2nd	B	2nd
April	A	3rd	D	
August	G		A	3rd
November	D	1st	G	1st
December	C	7th	C	7th

- F did not get fifth rank.
- The one who got sixth rank did not write exam on immediately before and after B.
- The one who wrote exam on August neither got fifth rank nor sixth rank.
- Case 1 was not satisfied all the conditions so it was dropped.
- So the final arrangement is..

Months	Case 2 Person	Case 2 Rank
January	E	6th
February	F	4th
March	B	2nd
April	D	5th
August	A	3rd
November	G	1st
December	C	7th

40) Answer: d)

41) Answer: c)

42) Answer: b)

Direction (43-45):

Explanation

i) More than five persons attend the lecture between Puja and the one who likes Tennis.

ii) Xing attends the lecture immediately before the one who likes Tennis.

iii) As many persons attend the lecture after Xing, attend the lecture before the one who likes Basketball.

January	Puja	
March		Basketball
April		
June		
August		
September		
October	Xing	
November		Tennis

iv) Two persons attend the lecture between Qureshi and the one who likes Football.

v) Qureshi does not attend the lecture immediately before or after Xing. Qureshi does not like Basketball.

From the above statements, we have 3 cases:

Case 1:

January	Puja	
March		Basketball
April		
June	Qureshi	
August		
September		
October	Xing	Football
November		Tennis

Case 2:

January	Puja	Football
March		Basketball
April		
June	Qureshi	
August		
September		
October	Xing	
November		Tennis

Case 3:

January	Puja	
March		Basketball
April	Qureshi	
June		
August		
September		Football
October	Xing	
November		Tennis

vi) As many persons attend the lecture after the one who likes Badminton attend the lecture before Waqar.

vii) Waqar attends the lecture before the one who likes Badminton. Waqar does not like Basketball. Xing does not likes Badminton.

viii) Only one person attends the lecture between Tina and the one who likes Swimming.

ix) Vishesh attends the lecture immediately before the one who likes Swimming.

x) The one who likes Swimming attends the lecture before the one who likes Volleyball.

Case 1:

January	Puja	
March	Vishesh	Basketball
April	Waqar	Swimming
June	Qureshi	Volleyball (1)
August	Tina	Volleyball (2)
September		Badminton
October	Xing	Football
November		Tennis

Case 2:

January	Puja	Football
March	Vishesh	Basketball
April	Waqar	Swimming
June	Qureshi	Volleyball (1)
August	Tina	Volleyball (2)
September		Badminton
October	Xing	Volleyball (3)
November		Tennis

Case 3:

January	Puja	
March	Vishesh	Basketball
April	Qureshi	Swimming
June	Waqar	Volleyball (1)
August	Tina	Badminton
September		Football
October	Xing	Volleyball (2)
November		Tennis

xi) Only one person attends the lecture between Riya and the one who likes Hockey.

xii) Qureshi does not like Hockey.

So Case 1 & 2 gets eliminated.

Hence the final arrangement is given below:

January	Puja	Cricket
March	Vishesh	Basketball
April	Qureshi	Swimming
June	Waqar	Hockey
August	Tina	Badminton
September	Riya	Football
October	Xing	Volleyball
November	Suraj	Tennis

43) Answer: B

44) Answer: D

45) Answer: C

Direction (46-50):

Explanation

Case (2b(ii))			
Male	**Female**	**Month**	**City**
Tom	Shweta	Jan	Patna
Anuj	Priya	Mar	Delhi
Deep	Maya	Apr	Pune
Rohit	Kavita	Jun	Lucknow
Sam	Tanya	July	Jaipur
Hari	Diya	Aug	Varanasi
Luv	Ritu	Sep	Chennai
Mike	Shreya	Oct	Agra

We have:

- Luv visit Chennai but neither married to Diya nor visits in any on the months of 31 days.
- Luv does not visit on April Month.
- Tanya, who is neither married to Rohit nor visits Varanasi, visits two months before the one who visits Chennai.

That means, in case (1) Luv visits Chennai in June, in case (2) Luv visits Chennai in September.

- The one who visits Delhi attends ceremony in March.

Based on above given information we have:

Case (1)				Case (2)			
Male	Female	Month	City	Male	Female	Month	City
		Jan				Jan	
		Mar	Delhi			Mar	Delhi
	Tanya	Apr				Apr	
Luv		Jun	Chennai			Jun	
		July			Tanya	July	
		Aug				Aug	
		Sep		Luv		Sep	Chennai
		Oct				Oct	

Again, we have:

- Rohit, who doesn't visits Varanasi, attends ceremony just after Maya.
- Maya neither visits Delhi nor visits in any of the months after June.
- Hari, who neither visits Jaipur nor visits Lucknow, attends ceremony four months after Maya.

That means, in case (1) Maya attends ceremony in June and Hari attends ceremony in October, in case (2) Maya attends ceremony in April and Hari attends ceremony in August.

- There is three months gap between the months in which Maya and Luv visits. (Considering the months given in the information alone).
- The one who visits Lucknow attends ceremony two months after Priya. (considering the months given in the information alone) . The one who visits Lucknow, visits on the month having 30 days
- Priya is neither married to Sam nor Mike.

That means, case (2a) Priya attends ceremony in January, in case (2b) Priya attends ceremony in March & case (1) is invalid.

Based on above given information we have:

Case (1)				Case (2a)				Case (2b)			
Male	Female	Month	City	Male	Female	Month	City	Male	Female	Month	City
		Jan			Priya	Jan				Jan	
		Mar	Delhi			Mar	Delhi		Priya	Mar	Delhi
	Tanya	Apr			Maya	Apr	Lucknow		Maya	Apr	
	Maya	Jun	Chennai	Rohit		Jun		Rohit		Jun	Lucknow
Rohit		July			Tanya	July			Tanya	July	
		Aug		Hari		Aug		Hari		Aug	
		Sep		Luv		Sep	Chennai	Luv		Sep	Chennai
Hari		Oct				Oct				Oct	

Case 1 is invalid because there is three months gap between the months in which Maya and Luv visits (considering the months given in the information alone).

Again, we have:

- Mike and Shreya is married couple.
- One person attends ceremony between Shreya and the one who visits Varanasi.
- Neither Deep nor Shreya attends ceremony in Delhi.

That means, in case (2a) & case (2b (ii)) Shreya visits in October, in case (2b (i)) Shreya visits in January.

- Shweta visits Patna in any of the months before Kavita.
- Kavita neither visits Chennai nor married to Hari.
- Sam attends ceremony just after Kavita and visits Jaipur.

That means, in case (2b (ii)) Sam attends seminar in July and Shweta attends seminar in January, case (2a), case (2b (i)) are not valid.

- Deep neither married to Tanya nor married to Shweta.

That means, Deep is married to Maya. Neither Deep nor Shreya attends ceremony in Delhi.

Based on above given information we have:

Male	Female	Month	City	Male	Female	Month	City	Male	Female	Month	City
	Priya	Jan		Mike	Shreya	Jan			Shweta	Jan	Patna
		Mar	Delhi		Priya	Mar	Delhi		Priya	Mar	Delhi
	Maya	Apr	Lucknow		Maya	Apr	Varanasi	Deep	Maya	Apr	
Rohit	Shweta	Jun	Patna	Rohit		Jun	Lucknow	Rohit	Kavita	Jun	Lucknow
	Tanya	July			Tanya	July		Sam	Tanya	July	Jaipur
Hari		Aug	Varanasi	Hari	Shweta	Aug	Patna	Hari		Aug	Varanasi
Luv		Sep	Chennai	Luv		Sep	Chennai	Luv		Sep	Chennai
Mike	Shreya	Oct			Kavita	Oct		Mike	Shreya	Oct	

Case (2a)   *Case (2b(i))*   *Case (2b(ii))*

Case (2a) & case (2b (i)) is not valid as Sam attends ceremony just after Kavita and visits Jaipur.

Again, we have:

Since, Luv is not married to Diya, thus Hari must be married to Diya and Luv is married to Ritu.

- At most two couples visits between the one who visits Pune and Anuj, who is not married to Shweta.

That means, Anuj is married to Priya and Deep visits Pune.

Based on above given information we have final arrangement as follows:

Case (2b(ii))

Male	Female	Month	City
Tom	Shweta	Jan	Patna
Anuj	Priya	Mar	Delhi
Deep	Maya	Apr	Pune
Rohit	Kavita	Jun	Lucknow
Sam	Tanya	July	Jaipur
Hari	Diya	Aug	Varanasi
Luv	Ritu	Sep	Chennai
Mike	Shreya	Oct	Agra

46) Answer: D

Clearly, combination D is correct choice.

Hence, option D is correct choice.

47) Answer: B

Clearly, Mike and Shreya visits Agra.

Hence, option B is correct choice.

48) Answer: A

Clearly, Jaipur is visited in July.

Hence, option A is correct choice.

49) Answer: E

Clearly, Sam is married to Tanya.

Hence, option E is correct choice.

50) Answer: C

Clearly, Rohit is married to Kavita.

Hence, option C is correct choice.

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Puzzle Month and Date

Directions (1-5): Answer the questions based on the information given below:

There are eight friends A, B, C, D, E, F, G and H and they have their joining dates in different banks in four months i.e. April, May, June and July on either 12th or 18th of the month. They join Eight different banks i.e. Hdfc,SBI, Icici, BOB, BOM, BOI, Indian and Canara bank but not necessarily in the same order.

G does not join BOM. Joining of A is in month having 31 days but before the one who joins Indian Bank. There are two joining between the joining of A and C. The joining of one who joins BOB is immediately after C's joining. A joins just after B. There are two joinings after the one who joins Indian bank. There are two joinings between the joining of H and the one who joins Canara and either one of them has joins at last. B's joining is on 18th of the month having 30 days. B does not join in the same month in which C joins. The joining of one who joins BOI is just after the joining of B. H and the one who joins SBI joins on same date. There are three joinings between the joining of F and the one who joins Icici. B and C do not join Icici. H does not join SBI. E joins Hdfc and his joining is before the one who joins Indian bank. The joining of one who join SBI and BOM are next to each other. G and the one who joins BOM joins on the same date.

1. H joins on which of the following date?

(a) 12th April

(b) 18th July

(c) 18th June

(d) 12th June

(e) None of these

2. Who among the following joins Icici bank?

(a) H

(b) A

(c) E

(d) C

(e) None of these

3. D joins which among the following bank?

(a) SBI

(b) BOB

(c) BOI

(d) Canara

(e) None of these

4. How many students join banks between G and A?

(a) 5

(b) 4

(c) 6

(d) 3

(e) None of these

5. 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) A

(b) F

(c) H

(d) D

(e) B

Directions (6-10): 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.

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

(a) M

(b) D

(c) A

(d) C

(e) None of these

7. Which among the following likes Orange?

(a) D

(b) K

(c) L

(d) M

(e) A

8. How many persons born between A and J?

(a) Three

(b) Two

(c) Four

(d) One

(e) None

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

(a) L

(b) B

(c) A

(d) K

(e) None of these

10. 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) D

(b) B

(c) L

(d) J

(e) M

Directions (11-15): Answer the questions based on the information given below:

There are eight persons S, T, U, V, W, X, Y and Z attend a meeting in different months i.e. August, September, November and December on two different dates 9th or 18th. They all belongs to different cities i.e. Jaipur, Jodhpur, udaipur, Kota, Ajmer, Nagaur, Tonk and Bikaner but not neccesarily in the same order.

One person attend meeting between the ones who belong to Nagaur and Tonk. Five persons ateend meeting between T and X, who attend meeting after T. X does not attend meeting at last.V attend meeting before Y and both of them attend meeting in the same month. S attend the meeting in September. One person attend the meeting between S and who belongs to Tonk, who does not attend the meeting in August. No one attend meeting before who belongs to udaipur. The number of person attend meeting before W is same as the number of person attend meeting after the one who belongs to Tonk. No one attend meeting between S and the one who belongs to Jodhpur. U does not belongs to Jodhpur. U attend the meeting before Z but not immediately before. Four persons attend meeting between Z, who belongs to Ajmer and the one who belongs to Kota. Z attend meeting after who belongs to Kota. One of the person who attend meeting in November belongs to Jaipur.

11. Who among the following attend a meeting in August and November respectively?

(a) T, W

(b) T, V

(c) U, S

(d) X, Y

(e) V, Z

12. How many persons attend a meeting between the one who belongs to Nagaur and Bikaner?

(a) None

(b) One

(c) Three

(d) More than three

(e) Two

13. X belongs to which of the following city?

(a) Nagaur

(b) Jodhpur

(c) Kota

(d) Udaipur

(e) Ajmer

14. The one who attend meeting on 18th August belongs to which city?

 (a) Tonk

(b) Ajmer

(c) Bikaner

(d) Jaipur

(e) Udaipur

15. As per the given arrangement Jaipur is related to V and Jodhpur is related to S, following a certain

pattern, which of the following is related to X following the same pattern?

(a) Bikaner

(b) Udaipur

(c) Ajmer

(d) Jodhpur

(e) Tonk

Directions (16-20): Answer the questions based on the information given below:

There are eight friends J, K, L, M, N, O, P and Q play practice match on 2nd, 4th, 9th and 11th in the month of July and August. The person who belongs to IPL team practice on that day which is pefectly square, the IPL team are RCB, CSK, DD and RR. The person who belongs to BBL team practice on that day which is prime numbers, the BBL team are ST, PS, MR and BH.

N do not belong to IPL team. O does not belong to ST team. There is no person play between one who belongs to MR and RR team. The number of person play after the one who belongs to RR is one less than the number of person play before J. The one who belongs to ST play immediately before K. K do not belong to MR. The number of person play before K is same as number of person play after P. Three person play between the one who belongs to CSK and Q. The one who belongs to RCB play in the month of July. No person play between M and who belongs to RCB . M does not belongs to IPL team. Three persons play between M and one who belongs to MR.Q and the one who belongs to PS play in the same

month but not in July. L plays after the one who belong to RR.

16. N belong to which of the following team?

(a) ST

(b) CSK

(c) PS

(d) RCB

(e) None of these

17. Who among the following player belong to IPL team?

(a) N

(b) O

(c) M

(d) L

(e) None of these

18. Who among the following play on 11th August?

(a) Q

(b) L

(c) P

(d) J

(e) None of these

19. How many players play after O?

(a) 5

(b) 4

(c) 6

(d) 3

(e) None of these

20. 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) K

(b) Q

(c) J

(d) M

(e) P

Directions (21-25): Answer the questions based on the information given below:

There are ten person M, N, O, P, Q, R, S, T, U and V go to attend **Mr. Sukumar sir's** lecture on 12th and 15th of different month i.e. January, February, April, June and July but not neccesarily in the same order. All of them belongs to different cities i.e. Ranchi, Indore, Vellore, Erode, Noida, Agra, Jaipur, Patna, Lucknow and Prayagraj.

The one who attend meeting on 12th June belongs to Patna. S attend meeting on 15th of a month which have less than 31 days but not in February. Three person attend meeting between S and T who belong to Noida. U did not attend meeting in June. V and P attend meeting in the same month. V belongs to Lucknow. R attend meeting immediate after S. Three persons attend meeting between R and Q who neither belongs to Ranchi nor Indore. One of them who attend meeting in April belongs to Jaipur. T did not attend meeting at last. The one who belongs to Vellore and the one who belongs to Ranchi did not attend meeting on the same date. Two person attend meeting between U and N and none of them attend meeting in January and February. V did not attend meeting on an odd date. The one who belongs to Vellore did not attend meeting on 12th of any month. Q does not belong to Jaipur. Two persons attend meeting between O and M who belongs to Agra. O attend meeting before M and does not belong to Indore. Three persons attend meeting between the one who belongs to Jaipur and the one who belongs to Prayagraj.

21. Who among the following attend lecturer on 15th February?

(a) O

(b) P

(c) R

(d) V

(e) None of these

22. Who among the following belongs to Erode?

(a) U

(b) S

(c) Q

(d) M

(e) T

23. How many persons attend lectures between O and U?

(a) Three

(b) Two

(c) Four

(d) One

(e) None

24. Who among the following attend lecture who belongs to Prayagraj?

(a) S

(b) T

(c) R

(d) P

(e) None of these

25. 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) Agra

(b) Erode

(c) Noida

(d) Prayagraj

(e) Vellore

Directions (26-30): 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.

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

(a) T, X

(b) Y, S

(c) V, T

(d) X, W

(e) U, V

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

(a) None

(b) One

(c) Three

(d) Two

(e) More than three

28. S purchased milk in which of the following month?

(a) None of these

(b) August

(c) March

(d) April

(e) June

29. How much litre milk purchased by R?

(a) 6 litre

(b) 4 litre

(c) 5 litre

(d) 3 litre

(e) 8 litre

30. As per the given arrangement W is related to S and V is related to U, following a certain pattern, which of the following is related to R following the same pattern?

(a) X

(b) W

(c) Y

(d) U

(e) S

Directions (31-35): Answer the questions based on the information given below:

There are eight doctors A, B, C, D, E, F, G and H go to hospitals on 8th or 14th of different months i.e. August, September, November and December. They all belongs to different hospitals AIIMS, Fortis, KGMU, PGI, RML, Apollo, Max and Vedanta but not necessarily in the same order.

A go to hospital in month of September. One doctor go to hospital between A and who belongs to Max hospital, who does not go in August. One doctor go between who belongs to Max hospital and Apollo hospital. Five doctors go between B and F, who go after B. F did not go on 14th December. D go before G and both of them go hospital in the same month. There is no doctors go before who

belongs to KGMU. The number of doctors go before E is same as the number of doctors go after who belongs Max hospital. No one go between A and the one who belongs to Fortis. C does not belong to Fortis. C goes to hospital before H but not immediately before. Four persons go hospital between H who belongs to RML and who belongs to PGI. H go after the one who belongs to PGI. One doctor go in month of December belongs to AIIMS.

31. C goes to which of the following hospital?

(a) Vedanta

(b) Apollo

(c) PGI

(d) Fortis

(e) None of these

32. Who among the following doctors goes to hospital on 14th September?

(a) F

(b) E

(c) D

(d) H

(e) None of these

33. Who among the following doctors goes to AIIMS?

(a) G

(b) D

(c) B

(d) A

(e) None of these

34. How many doctors goes to hospital between F and C?

(a) 5

(b) 4

(c) 6

(d) 3

(e) None of these

35. 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) E

(b) F

(c) B

(d) H

(e) D

Directions (36-40): Answer the questions based on the information given below:

There are eight shopkeepers M, N, O, P, Q, R, S and T who donate food items on 18th and 24th in different months i.e. August, September, October and November but not necessarily in the same order.

S donate food items before the date in which R donates. T does not donate food items in October. The number of shopkeepers who donate food items between the O and M is the same as the number of shopkeepers who donate food items between the O and T. S and R donate food items in the month which has 30 days. P does not donate food items in August. Q donate food items immediately after that date in which O donates. N does not donate food items just before that date in which O donates. There are

only four shopkeepers donate food items between M and P. S and R donate food items in the same month.

36. Which of the following donate food items in August and September respectively?

(a) N, S

(b) O, Q

(c) O, M

(d) T, P

(e) P, Q

37. How many people donate food items between the N and Q?

(a) None

(b) One

(c) More than three

(d) Two

(e) Three

38. Q donate food items in which of the following month?

(a) September

(b) October

(c) August

(d) November

(e) Cannot be determined

39. On which of the following date P donate food items?

(a) 18th August

(b) 18th October

(c) 18th September

(d) 18th November

(e) None of these

40. As per the given arrangement T is related to O and P is related to R, following a certain pattern, which of the following is related to S following the same pattern?

(a) M

(b) T

(c) P

(d) R

(e) Q

Directions (41-45): Answer the questions based on the information given below:

Twelve family members M, N, O, P, Q, R, S, T, U, V, W and X are born on 11th and 17th of different month i.e. March, May, June, September, October and December. All of them have different ages i.e. 1, 16, 18, 19, 22, 26, 27, 29, 49, 51, 53 and 55 years. If the month contains odd number of days, then age will be in odd number and if the month contains even number of days, then age will be in even number.

M borns on 11th September. T born before M but not immediately before. T's age is 55 year and he borns on 17th of a month. There is a gap of one member between T's and V's born. V's age is six year less than T's age. There is a gap of three members between P and the one whose age is 26 years. P born before the person whose age is 26 year. P does not born in March. There is a gap of two members born between W and the one whose age is 26 year. W's age is greater than V's age but less than T's age.

W's age is in a multiple of three. Q and S born in same month but not in June. There is one member born between Q and X. There is a gap of two members born between R and the one whose age is 16 year. R born before the one whose age is 16 year. O and the one whose age is 18 year born in same month. The total age of Q and S is 20 year. The age of Q is greater than the age of R and also greater than the age of S. The age of W is greater than the age of N by 24 year. The one who born in May is older than N but less than 30 year. There are gap of more than three members between U and V. O's age is 22 years.

41. What is the age of X?

(a) 19

(b) 16

(c) 49

(d) 53

(e) None of these

42. Who among the following borns on 11th March?

(a) N

(b) V

(c) T

(d) M

(e) None of these

43. Who among the following is 19 years old?

(a) M

(b) T

(c) Q

(d) R

(e) None of these

44. How many persons born between who is 18 years and 19 years old?

(a) 5

(b) 4

(c) 6

(d) 3

(e) None of these

45. 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) R

(b) T

(c) O

(d) M

(e) U

Directions (46-50): Answer the questions based on the information given below:

Ten persons A, B, C, D, E, F, G, H, I and J born on 7th and 14th of the different months i.e. January, February, June, July and September. Each one of them likes different colour i.e. Pink, Violet, Indigo, Blue, Green, White, Black, Yellow, Orange and Red but not necessarily in the same order.

C and H born on same month but not in February. Only one person born between C and the one who likes White colour. H does not born in February month. **J does not born immediate after A**. Two persons born between the one who likes Indigo colour and E. Three persons born between E and the one who likes Blue colour. D born in month of July. Three persons born between D and the one who likes Orange colour. D born after the one who likes Orange colour. B born immediately before the one who likes Green colour. B does not born on odd number date. F likes Pink colour. D and B do not likes Indigo colour. The one who likes Violet born immediately after F. F borns on odd date of January. E does not like Orange colour. Only one person born between A and the one who likes Orange colour. E born after A. **C born after H.** The one who likes Indigo colour born on 7th of a month which has 31 days, but not on January. Only one person born between I and the one who likes Black colour. E does not like Red colour. No person born between the one who likes Black colour and the one who likes Red colour.

46. Who among the following likes Red colour?

(a) H

(b) D

(c) B

(d) G

(e) None of these

47. Which among the following colour likes by who born on 7th February?

(a) Green

(b) Pink

(c) Orange

(d) White

(e) Yellow

48. How many persons born between who likes Yellow and H?

(a) Three

(b) Two

(c) Four

(d) One

(e) None

49. Who among the following born on 7th September?

(a) J

(b) A

(c) F

(d) B

(e) None of these

50. 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) B

(b) H

(c) D

(d) E

(e) J

Puzzle Month and Date – Answer and Explanation

SOLUTION(1-5):

Explanation in detail:

1. B's joining is on 18th of the month having 30 days.
2. The joining of one who joins BOI is just after the joining of B.
3. A joins just after B.
4. There are two joining between the joining of A and C.
5. The joining of one who joins BOB is immediately after C's joining.

CASE1:

April- 12 (30 Days)		
April-18 (30 Days)	B	
May-12 (31 Days)	A	BOI
May-18 (31 Days)		
June-12 (30 Days)		
June-18 (30 Days)	C	
July-12 (31 Days)		BOB
July-18 (31 Days)		

CASE2:

April- 12 (30 Days)		
April-18 (30 Days)		
May-12 (31 Days)		
May-18 (31 Days)	C	
June-12 (30 Days)		BOB
June-18 (30 Days)	B	
July-12 (31 Days)	A	BOI
July-18 (31 Days)		

6. There are two joinings after the one who joins Indian bank.
7. Joining of A is in month having 31 days but before the one who joins Indian Bank.

CASE1:

April- 12 (30 Days)		
April-18 (30 Days)	B	
May-12 (31 Days)	A	BOI
May-18 (31 Days)		
June-12 (30 Days)		
June-18 (30 Days)	C	Indian bank
July-12 (31 Days)		BOB
July-18 (31 Days)		

CASE2:

April- 12 (30 Days)		
April-18 (30 Days)		
May-12 (31 Days)		
May-18 (31 Days)	C	
June-12 (30 Days)		BOB
June-18 (30 Days)	B	Indian bank
July-12 (31 Days)	A	BOI
July-18 (31 Days)		

In CASE2 A is placed after Indian bank but according to question it is false statement, So CASE2 is cancelled out.

8. There are two joinings between the joining of H and the one who joins Canara and either one of them has joins at last.
9. The joining of one who join SBI and BOM are next to each other.
10. H and the one who joins SBI joins on same date.
11. H does not join SBI.

CASE1a:

April- 12 (30 Days)		SBI
April-18 (30 Days)	B	BOM
May-12 (31 Days)	A	BOI
May-18 (31 Days)		
June-12 (30 Days)	H	
June-18 (30 Days)	C	Indian bank
July-12 (31 Days)		BOB
July-18 (31 Days)		Canara

CASE1b:

April- 12 (30 Days)		BOM
April-18 (30 Days)	B	SBI
May-12 (31 Days)	A	BOI
May-18 (31 Days)		
June-12 (30 Days)		Canara
June-18 (30 Days)	C	Indian bank
July-12 (31 Days)		BOB
July-18 (31 Days)	H	

12. E joins Hdfc and his joining is before the one who joins Indian bank.
13. There are three joinings between the joining of F and the one who joins Icici.

CASE1a:

April- 12 (30 Days)	F	SBI
April-18 (30 Days)	B	BOM
May-12 (31 Days)	A	BOI
May-18 (31 Days)	E	Hdfc
June-12 (30 Days)	H	Icici
June-18 (30 Days)	C	Indian bank
July-12 (31 Days)		BOB
July-18 (31 Days)		Canara

CASE1b:

April- 12 (30 Days)		BOM
April-18 (30 Days)	B	SBI
May-12 (31 Days)	A	BOI
May-18 (31 Days)	E	Hdfc
June-12 (30 Days)		Canara
June-18 (30 Days)	C	Indian bank
July-12 (31 Days)		BOB
July-18 (31 Days)	H	Icici

There is no space for F in CASE1b so CASE1b is cancelled out.

14. B does not join in the same month in which C joins.
15. B and C do not join Icici.
16. G and the one who joins BOM joins on the same date.
17. G does not join BOM.

CASE1a:

April- 12 (30 Days)	F	SBI
April-18 (30 Days)	B	BOM
May-12 (31 Days)	A	BOI
May-18 (31 Days)	E	Hdfc
June-12 (30 Days)	H	Icici
June-18 (30 Days)	C	Indian bank
July-12 (31 Days)	D	BOB
July-18 (31 Days)	G	Canara

Final arrangement:

April- 12 (30 Days)	F	SBI
April-18 (30 Days)	B	BOM
May-12 (31 Days)	A	BOI
May-18 (31 Days)	E	Hdfc
June-12 (30 Days)	H	Icici
June-18 (30 Days)	C	Indian bank
July-12 (31 Days)	D	BOB
July-18 (31 Days)	G	Canara

1. d
2. a
3. b
4. b
5. e

SOLUTION(6-10):

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)		

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)		

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 March.

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)		

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

6. d

7. b

8. a

9. c

10. e

SOLUTION (11-15):

Explanation in detail:

1. Five persons ateend meeting between T and X, who attend meeting after T.
2. X does not ateend meeting at last.
3. S attend the meeting in September.
4. Only one person attend the meeting between S and who belongs to Tonk, who does not attend the meeting in August.

CASE1:

August-9 (31 Days)	T	
August-18 (31 Days)		
September-9 (30 days)	S	
September-18 (30 days)		
November-9 (30 days)		Tonk
November-18 (30 days)		
December-9 (31 days)	X	
December-18 (31 days)		

CASE2:

August-9 (31 Days)	T	
August-18 (31 Days)		
September-9 (30 days)		
September-18 (30 days)	S	
November-9 (30 days)		
November-18 (30 days)		Tonk
December-9 (31 days)	X	
December-18 (31 days)		

5. V attend meeting before Y and both of them attend meeting in the same month.

6. No one attend meeting before who belongs to Udaipur.
7. The number of person attend meeting before W is same as the number of person attend meeting after the one who belongs to Tonk.

CASE1:

August-9 (31 Days)	T	Udaipur
August-18 (31 Days)		
September-9 (30 days)	S	
September-18 (30 days)	W	
November-9 (30 days)	V	Tonk
November-18 (30 days)	Y	
December-9 (31 days)	X	
December-18 (31 days)		

CASE2:

August-9 (31 Days)	T	Udaipur
August-18 (31 Days)		
September-9 (30 days)	W	
September-18 (30 days)	S	
November-9 (30 days)	V	
November-18 (30 days)	Y	Tonk
December-9 (31 days)	X	
December-18 (31 days)		

8. Four persons attend meeting between Z, who belongs to Ajmer and the one who belongs to Kota.
9. Z attend meeting after who belongs to Kota.
10. One of the person who attend meeting in November belongs to Jaipur.

CASE1:

August-9 (31 Days)	T	Udaipur
August-18 (31 Days)		
September-9 (30 days)	S	Kota
September-18 (30 days)	W	
November-9 (30 days)	V	Tonk
November-18 (30 days)	Y	Jaipur
December-9 (31 days)	X	
December-18 (31 days)	Z	Ajmer

CASE2:

August-9 (31 Days)	T	Udaipur
August-18 (31 Days)		
September-9 (30 days)	W	Kota
September-18 (30 days)	S	
November-9 (30 days)	V	Jaipur
November-18 (30 days)	Y	Tonk
December-9 (31 days)	X	
December-18 (31 days)	Z	Ajmer

11. One person attend meeting between the ones who belong to Nagaur and Tonk.

12. U attend the meeting before Z but not immediately before.

CASE1:

August-9 (31 Days)	T	Udaipur
August-18 (31 Days)	U	
September-9 (30 days)	S	Kota
September-18 (30 days)	W	
November-9 (30 days)	V	Tonk
November-18 (30 days)	Y	Jaipur
December-9 (31 days)	X	Nagaur
December-18 (31 days)	Z	Ajmer

CASE2:

August-9 (31 Days)	T	Udaipur
August-18 (31 Days)	U	
September-9 (30 days)	W	Kota
September-18 (30 days)	S	Nagaur
November-9 (30 days)	V	Jaipur
November-18 (30 days)	Y	Tonk
December-9 (31 days)	X	
December-18 (31 days)	Z	Ajmer

13. No one attend meeting between S and the one who belongs to Jodhpur.

14. U does not belongs to Jodhpur.

There is no particular place for Jodhpur in CASE2 so CASE2 is cancelled out.

CASE1:

August-9 (31 Days)	T	Udaipur
August-18 (31 Days)	U	Bikaner
September-9 (30 days)	S	Kota
September-18 (30 days)	W	Jodhpur
November-9 (30 days)	V	Tonk
November-18 (30 days)	Y	Jaipur
December-9 (31 days)	X	Nagaur
December-18 (31 days)	Z	Ajmer

Final arrangement:

August-9 (31 Days)	T	Udaipur
August-18 (31 Days)	U	Bikaner
September-9 (30 days)	S	Kota
September-18 (30 days)	W	Jodhpur
November-9 (30 days)	V	Tonk
November-18 (30 days)	Y	Jaipur
December-9 (31 days)	X	Nagaur
December-18 (31 days)	Z	Ajmer

11. **b**

12. **d**

13. **a**

14. **c**

15. **c**

SOLUTION(16-20):

Explanation in detail:

1. The one who belongs to RCB play in the month of July.

2. No person play between M and who belongs to RCB .

3. M does not belongs to IPL team.

4. Three persons play between M and one who belongs to MR.

CASE1:

July-2	M	
July-4		RCB
July-9		
July-11		
August-2		MR
August-4		
August-9		
August-11		

CASE2:

July-2		
July-4		
July-9		RCB
July-11	M	
August-2		
August-4		
August-9		
August-11		MR

5. There is no person play between one who belongs to MR and RR team.

The one who belongs to IPL team play only on 4th and 9th of the month.

CASE1:

July-2	M	
July-4		RCB
July-9		
July-11		
August-2		MR
August-4		RR
August-9		
August-11		

CASE2:

July-2		
July-4		
July-9		RCB
July-11	M	
August-2		
August-4		
August-9		RR
August-11		MR

6. The number of person play after the one who belongs to RR is one less thn the number of person play before J.

7. The one who belongs to ST play immediately before K.

8. K do not belong to MR.

9. The number of person play before K is same as number of person play after P.

The one who belongs to BBL team play only on 2nd and 11th of the month.

In CASE2 there is no place for ST team in 2nd August bacause statement for P can be invalid.

CASE1:

July-2	M	ST
July-4	K	RCB
July-9		
July-11	J	
August-2		MR
August-4		RR
August-9	P	
August-11		

CASE2:

July-2		ST
July-4	K	
July-9	J	RCB
July-11	M	
August-2		
August-4		
August-9	P	RR
August-11		MR

10. Three person play between the one who belongs to CSK and Q.

11. Q and the one who belongs to PS play in the same month but not in July.

Q can't play match in month of July So CASE1 is cancelled out.

The one who belongs to BBL team play only on 2nd and 11th of the month.

CASE1:

July-2	M	ST
July-4	K	RCB
July-9	Q	
July-11	J	
August-2		MR
August-4		RR
August-9	P	CSK
August-11		

CASE2:

July-2		ST
July-4	K	CSK
July-9	J	RCB
July-11	M	
August-2		PS
August-4	Q	
August-9	P	RR
August-11		MR

12. L plays after the one who belong to RR.

13. N donot belong to IPL team.

14. O does not belong to ST team.

CASE2:

July-2	N	ST
July-4	K	CSK
July-9	J	RCB
July-11	M	BH
August-2	O	PS
August-4	Q	DD
August-9	P	RR
August-11	L	MR

Final arrangement:

July-2	N	ST
July-4	K	CSK
July-9	J	RCB
July-11	M	BH
August-2	O	PS
August-4	Q	DD
August-9	P	RR
August-11	L	MR

16. a

17. e

18. b

19. d

20. d

SOLUTION(21-25):

Explanation in detail:

1. The one who attend meeting on 12th June belongs to Patna.
2. S attend meeting on 15th of a month which have less than 31 days but not in February.
3. Three peeerson attend meeting between S and T who belong to Noida.
4. T did not attend meeting at last.

CASE1:

January-12 (31 Days)		
January-15 (31 Days)	T	Noida
February-12(28 Days)		
February-15(28 Days)		
April-12(30 Days)		
April-15(30 Days)	S	
June-12 (30 Days)		Patna
June-15 (30 Days)		
July-12 (31 Days)		
July-15 (31 Days)		

CASE2:

January-12 (31 Days)		
January-15 (31 Days)		
February-12(28 Days)		
February-15(28 Days)	T	Noida
April-12(30 Days)		
April-15(30 Days)		
June-12 (30 Days)		Patna
June-15 (30 Days)	S	
July-12 (31 Days)		
July-15 (31 Days)		

5. R attend meeting immediate after S.
6. V and P attend meeting in the same month.
7. Three persons attend meeting between R and Q who neither belongs to Ranchi nor Indore.
8. V belongs to Lucknow.
9. V did not attend meeting on an odd date.

CASE1:

January-12 (31 Days)		
January-15 (31 Days)	T	Noida
February-12(28 Days)	Q	
February-15(28 Days)		
April-12(30 Days)		
April-15(30 Days)	S	
June-12 (30 Days)	R	Patna
June-15 (30 Days)		
July-12 (31 Days)	V	Lucknow
July-15 (31 Days)	P	

CASE2:

January-12 (31 Days)	V	Lucknow
January-15 (31 Days)	P	
February-12(28 Days)		
February-15(28 Days)	T	Noida
April-12(30 Days)	Q	
April-15(30 Days)		
June-12 (30 Days)		Patna
June-15 (30 Days)	S	
July-12 (31 Days)	R	
July-15 (31 Days)		

10. Two person attend meeting between U and N and none of them attend meeting in January and February.

11. U did not attend meeting in June.

CASE1:

January-12 (31 Days)		
January-15 (31 Days)	T	Noida
February-12(28 Days)	Q	
February-15(28 Days)		
April-12(30 Days)	U	
April-15(30 Days)	S	
June-12 (30 Days)	R	Patna
June-15 (30 Days)	N	
July-12 (31 Days)	V	Lucknow
July-15 (31 Days)	P	

CASE2:

January-12 (31 Days)	V	Lucknow
January-15 (31 Days)	P	
February-12(28 Days)		
February-15(28 Days)	T	Noida
April-12(30 Days)	Q	
April-15(30 Days)		
June-12 (30 Days)	N	Patna
June-15 (30 Days)	S	
July-12 (31 Days)	R	
July-15 (31 Days)	U	

12. Two persons attend meeting between O and M who belongs to Agra.

13. O attend meeting before M and does not belong to Indore.

CASE1:

January-12 (31 Days)	O	
January-15 (31 Days)	T	Noida
February-12(28 Days)	Q	
February-15(28 Days)	M	Agra
April-12(30 Days)	U	
April-15(30 Days)	S	
June-12 (30 Days)	R	Patna
June-15 (30 Days)	N	
July-12 (31 Days)	V	Lucknow
July-15 (31 Days)	P	

CASE2:

January-12 (31 Days)	V	Lucknow
January-15 (31 Days)	P	
February-12 (28 Days)	O	
February-15 (28 Days)	T	Noida
April-12 (30 Days)	Q	
April-15 (30 Days)	M	Agra
June-12 (30 Days)	N	Patna
June-15 (30 Days)	S	
July-12 (31 Days)	R	
July-15 (31 Days)	U	

14. One of them who attend meeting in April belongs to Jaipur.

15. Q does not belong to Jaipur.

In CASE2 Q can not belongs to Jaipur So CASE2 is cancelled out.

CASE1:

January-12 (31 Days)	O	
January-15 (31 Days)	T	Noida
February-12 (28 Days)	Q	
February-15 (28 Days)	M	Agra
April-12 (30 Days)	U	
April-15 (30 Days)	S	
June-12 (30 Days)	R	Patna
June-15 (30 Days)	N	
July-12 (31 Days)	V	Lucknow
July-15 (31 Days)	P	

CASE2:

January-12 (31 Days)	V	Lucknow
January-15 (31 Days)	P	
February-12 (28 Days)	O	
February-15 (28 Days)	T	Noida
April-12 (30 Days)	Q	
April-15 (30 Days)	M	Agra
June-12 (30 Days)	N	Patna
June-15 (30 Days)	S	
July-12 (31 Days)	R	
July-15 (31 Days)	U	

16. Three persons attend meeting between the one who belongs to Jaipur and the one who belongs to Prayagraj.

17. One of them who attend meeting in April belongs to Jaipur.

The one who belongs to Jaipur can't attend meeting on 12th April because then there is no space for the one who belongs to Ranchi.

CASE1:

January-12 (31 Days)	O	
January-15 (31 Days)	T	Noida
February-12 (28 Days)	Q	
February-15 (28 Days)	M	Agra
April-12 (30 Days)	U	
April-15 (30 Days)	S	Jaipur
June-12 (30 Days)	R	Patna
June-15 (30 Days)	N	
July-12 (31 Days)	V	Lucknow
July-15 (31 Days)	P	Prayagraj

18. The one who belongs to Vellore and the one who belongs to Ranchi did not attend meeting on the same date.

19. The one who belongs to Vellore did not attend meeting on 12th of any month.

20. O does not belong to Indore.

21. R and Q neither belongs to Ranchi nor Indore.

CASE1:

January-12 (31 Days)	O	Ranchi
January-15 (31 Days)	T	Noida
February-12(28 Days)	Q	Erode
February-15(28 Days)	M	Agra
April-12(30 Days)	U	Indore
April-15(30 Days)	S	Jaipur
June-12 (30 Days)	R	Patna
June-15 (30 Days)	N	Vellore
July-12 (31 Days)	V	Lucknow
July-15 (31 Days)	P	Prayagraj

Final arrangement:

January-12 (31 Days)	O	Ranchi
January-15 (31 Days)	T	Noida
February-12(28 Days)	Q	Erode
February-15(28 Days)	M	Agra
April-12(30 Days)	U	Indore
April-15(30 Days)	S	Jaipur
June-12 (30 Days)	R	Patna
June-15 (30 Days)	N	Vellore
July-12 (31 Days)	V	Lucknow
July-15 (31 Days)	P	Prayagraj

21. e

22. c

23. a

24. d

25. b

SOLUTION(26-30):

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

26. a

27. c

28. e

29. b

30. d

SOLUTION(31-35):

Explanation in detail:

1. A go to hospital in month of September.
2. Five doctors go between B and F, who go after B.
3. F did not go on 14th December.

CASE1:

August-8	B	
August-14		
September-8	A	
September-14		
November-8		
November-14		
December-8	F	
December-14		

CASE2:

August-8	B	
August-14		
September-8		
September-14	A	
November-8		
November-14		
December-8	F	
December-14		

4. D goes before G and both of them go hospital in the same month.
5. There is no doctors go before who belongs to KGMU.

CASE1:

August-8	B	KGMU
August-14		
September-8	A	
September-14		
November-8	D	
November-14	G	
December-8	F	
December-14		

6.

CASE2:

August-8	B	KGMU
August-14		
September-8		
September-14	A	
November-8	D	
November-14	G	
December-8	F	
December-14		

7. Four persons go hospital between H who belongs to RML and who belongs to PGI.

8. H go after the one who belongs to PGI.

CASE1:

August-8	B	KGMU
August-14		
September-8	A	PGI
September-14		
November-8	D	
November-14	G	
December-8	F	
December-14	H	RML

CASE2:

August-8	B	KGMU
August-14		
September-8		PGI
September-14	A	
November-8	D	
November-14	G	
December-8	F	
December-14	H	RML

9. One doctor goes to hospital between A and who belongs to Max hospital who does not go in August.

10. One doctor goes between who belongs to Max hospital and Apollo hospital.

CASE1:

August-8	B	KGMU
August-14		
September-8	A	PGI
September-14		
November-8	D	MAX
November-14	G	
December-8	F	Apollo
December-14	H	RML

CASE2:

August-8	B	KGMU
August-14		
September-8		PGI
September-14	A	Apollo
November-8	D	
November-14	G	MAX
December-8	F	
December-14	H	RML

11. The number of doctors go before E is same as the number of doctors go after who belongs Max hospital.

12. No one go between A and the one who belongs to Fortis.

13. C does not belong to Fortis.

14. C goes to hospital before H but not immediately before.

15. One doctor go in month of December belongs to AIIMS.

CASE1:

August-8	B	KGMU
August-14	C	
September-8	A	PGI
September-14	E	Fortis
November-8	D	MAX
November-14	G	
December-8	F	Apollo
December-14	H	RML

CASE2:

August-8	B	KGMU
August-14	C	Vedanta
September-8	E	PGI
September-14	A	Apollo
November-8	D	Fortis
November-14	G	MAX
December-8	F	AIIMS
December-14	H	RML

So in CASE1 there is no place for AIIMS so CASE1 is cancelled out.

Final arrangement:

August-8	B	KGMU
August-14	C	Vedanta
September-8	E	PGI
September-14	A	Apollo
November-8	D	Fortis
November-14	G	MAX
December-8	F	AIIMS
December-14	H	RML

31. a
32. e
33. e
34. b
35. d

SOLUTION(36-40):

Explanation in detail:

1. S and R donate food items in the same month.
2. S donate food items before the date in which R donates.
3. S and R donate food items in the month which has 30 days.

CASE1:

August-18 (31 Days)	
August-24(31 Days)	
September-18(30 Days)	
September-24(30 Days)	
October-18(31 Days)	
October-24(31 Days)	
November-18(30 Days)	S
November-24(30 Days)	R

CASE2:

August-18 (31 Days)	
August-24(31 Days)	
September-18(30 Days)	S
September-24(30 Days)	R
October-18(31 Days)	
October-24(31 Days)	
November-18(30 Days)	
November-24(30 Days)	

4. There are only four shopkeepers donate food items between M and P.
5. T does not donate food items in October.
6. The number of shopkeepers who donate food items between the O and M is the same as the number of shopkeepers who donate food items between the O and T.
7. P does not donate food items in August.

CASE1:

August-18 (31 Days)	M
August-24(31 Days)	O
September-18(30 Days)	T
September-24(30 Days)	
October-18(31 Days)	
October-24(31 Days)	P
November-18(30 Days)	S
November-24(30 Days)	R

CASE2:

August-18 (31 Days)	
August-24(31 Days)	M
September-18(30 Days)	S
September-24(30 Days)	R
October-18(31 Days)	O
October-24(31 Days)	
November-18(30 Days)	P
November-24(30 Days)	T

8. Q donate food items immediately after O donates.
9. N does not donate food items just before O donates.

There is no space for Q so CASE1 is cancelled out.

CASE2:

August-18 (31 Days)	N
August-24(31 Days)	M
September-18(30 Days)	S
September-24(30 Days)	R
October-18(31 Days)	O
October-24(31 Days)	Q
November-18(30 Days)	P
November-24(30 Days)	T

Final arrangement:

August-18 (31 Days)	N
August-24(31 Days)	M
September-18(30 Days)	S
September-24(30 Days)	R
October-18(31 Days)	O
October-24(31 Days)	Q
November-18(30 Days)	P
November-24(30 Days)	T

36. a
37. c
38. b
39. d
40. e

SOLUTION(41-45):

Explanation in detail:

1. M borns on 11th September.

2. T borns before M but not immediately before.

3. T's age is 55 year and he borns on 17th of a month.

4. There is a gap of one member between T's and V's born.

5. V's age is six year less than T's age.

So age of V = T-6= 55-6= 49 years

V=49 years

According to Question V should be born in March because age of V is odd.

CASE1:

March-11		
March-17	V	49
May-11		
May-17	T	55
June-11		
June-17		
September-11	M	
September-17		
October-11		
October-17		
December-11		
December-17		

CASE2:

March-11		
March-17	T	55
May-11		
May-17	V	49
June-11		
June-17		
September-11	M	
September-17		
October-11		
October-17		
December-11		
December-17		

6. There are gap of three members between P and the one whose age is 26 years.

7. P borns before the person whose age is 26 year.

8. P does not born in March.

9. There are gap of two members born between W and the one whose age is 26 year.

According to Question whose age is 26 years should be born in June and September.

CASE1:

March-11		
March-17	V	49
May-11	P	
May-17	T	55
June-11		
June-17		
September-11	M	26
September-17		
October-11		
October-17	W	
December-11		
December-17		

CASE2:

March-11		
March-17	T	55
May-11	P	
May-17	V	49
June-11		
June-17		
September-11	M	26
September-17		
October-11		
October-17	W	
December-11		
December-17		

10. W's age is greater than V's age but less than T's age.

11. W's age is in a multiple of three.

12. Q and S born in same month but not in June.

13. There is one member born between Q and X.

W's age must be 51 years according to question 55>51>49

Q must be born on 11th December because if Q borns on 17th December then there is no place for X.

CASE1:

March-11		
March-17	V	49
May-11	P	
May-17	T	55
June-11		
June-17		
September-11	M	26
September-17		
October-11	X	
October-17	W	51
December-11	Q	
December-17	S	

CASE2:

March-11		
March-17	T	55
May-11	P	
May-17	V	49
June-11		
June-17		
September-11	M	26
September-17		
October-11	X	
October-17	W	51
December-11	Q	
December-17	S	

14. There is a gap of two members born between R and the one whose age is 16 year.

15. R borns before the one whose age is 16 year.

16. O and the one whose age is 18 year born in same month.

17. O's age is 22 years.

According to Question whose age is 16/18/22/26 years should be born in June and September.

CASE1:

March-11		
March-17	V	49
May-11	P	
May-17	T	55
June-11	R	18
June-17	O	22
September-11	M	26
September-17		16
October-11	X	
October-17	W	51
December-11	Q	
December-17	S	

CASE2:

March-11		
March-17	T	55
May-11	P	
May-17	V	49
June-11	R	18
June-17	O	22
September-11	M	26
September-17		16
October-11	X	
October-17	W	51
December-11	Q	
December-17	S	

18. There are gap of more than three members between U and V.

CASE2 is cancelled out because there are not more than three members born between U and V.

CASE1:

March-11		
March-17	V	49
May-11	P	
May-17	T	55
June-11	R	18
June-17	O	22
September-11	M	26
September-17	U	16
October-11	X	
October-17	W	51
December-11	Q	
December-17	S	

CASE2:

March-11		
March-17	T	55
May-11	P	
May-17	V	49
June-11	R	18
June-17	O	22
September-11	M	26
September-17		16
October-11	X	
October-17	W	51
December-11	Q	
December-17	S	

19. The total age of Q and S is 20 year.

20. The age of Q is greater than the age of R and also greater than the age of S.

Q is older than R means Q>18 but Q+S=20 years.

Also Q>S so Q must be 19 years old.

CASE1:

March-11	N	
March-17	V	49
May-11	P	
May-17	T	55
June-11	R	18
June-17	O	22
September-11	M	26
September-17	U	16
October-11	X	
October-17	W	51
December-11	Q	19
December-17	S	1

21. W is greater than the age of N by 24 year.

22. The age of the one who born in May is older than N but less than 30 year.

W=N+24=51 so N=27 years old.

CASE1:

March-11	N	27
March-17	V	49
May-11	P	29
May-17	T	55
June-11	R	18
June-17	O	22
September-11	M	26
September-17	U	16
October-11	X	53
October-17	W	51
December-11	Q	19
December-17	S	1

Final arrangement:

March-11	N	27
March-17	V	49
May-11	P	29
May-17	T	55
June-11	R	18
June-17	O	22
September-11	M	26
September-17	U	16
October-11	X	53
October-17	W	51
December-11	Q	19
December-17	S	1

CASE1:

January -7 (31 days)		
January -14(31 days)		
February -7 (28/29 days)		
February -14 (28/29 days)		
June -7 (30 days)		
June -14 (30 days)		Blue
July -7 (31 days)		Indigo
July -14 (31 days)		
September -7 (30 days)		
September -14 (30 days)	E	

CASE2:

January -7 (31 days)		
January -14(31 days)		
February -7 (28/29 days)		
February -14 (28/29 days)	E	
June -7 (30 days)		
June -14 (30 days)		
July -7 (31 days)		Indigo
July -14 (31 days)		Blue
September -7 (30 days)		
September -14 (30 days)		

41. d

42. a

43. c

44. a

45. b

SOLUTION(46-50):

Explanation in detail:

1. The one who likes Indigo colour born on 7th of a month which has 31 days, but not on January.

2. Two persons born between the one who likes Indigo colour and E.

3. Three persons born between E and the one who likes Blue colour.

4. D born in month of July.

5. Three persons born between D and the one who likes Orange colour.

6. D born after the one who likes Orange colour.

7. D and B do not likes Indigo colour.

CASE1:

January -7 (31 days)		
January -14(31 days)		
February -7 (28/29 days)		
February -14 (28/29 days)		Orange
June -7 (30 days)		
June -14 (30 days)		Blue
July -7 (31 days)		Indigo
July -14 (31 days)	D	
September -7 (30 days)		
September -14 (30 days)	E	

CASE2:

January -7 (31 days)		
January -14(31 days)		
February -7 (28/29 days)		
February -14 (28/29 days)	E	Orange
June -7 (30 days)		
June -14 (30 days)		
July -7 (31 days)		Indigo
July -14 (31 days)	D	Blue
September -7 (30 days)		
September -14 (30 days)		

8. The one who likes Violet born immediately after F.

9. F borns on odd date of January.

10. E does not likes Orange colour.

CASE1:

January -7 (31 days)	F	
January -14(31 days)		Violet
February -7 (28/29 days)		
February -14 (28/29 days)		Orange
June -7 (30 days)		
June -14 (30 days)		Blue
July -7 (31 days)		Indigo
July -14 (31 days)	D	
September -7 (30 days)		
September -14 (30 days)	E	

CASE2:

January -7 (31 days)	F	
January -14(31 days)		Violet
February -7 (28/29 days)		
February -14 (28/29 days)	E	Orange
June -7 (30 days)		
June -14 (30 days)		
July -7 (31 days)		Indigo
July -14 (31 days)	D	Blue
September -7 (30 days)		
September -14 (30 days)		

According to Question E does not like Orange colour so CASE2 is cancelled out.

11. Only one person born between A and the one who likes Orange colour.

12. E born after A. C born after H.

13. C and H born on same month but not in Febraury.

14. Only one person born between C and the one who likes White colour.

15. H does not born in February month.

CASE1a:

January -7 (31 days)	F	
January -14(31 days)	A	Violet
February -7 (28/29 days)		White
February -14 (28/29 days)		Orange
June -7 (30 days)	C	
June -14 (30 days)	H	Blue
July -7 (31 days)		Indigo
July -14 (31 days)	D	
September -7 (30 days)		
September -14 (30 days)	E	

CASE1b:

January -7 (31 days)	F	
January -14(31 days)		Violet
February -7 (28/29 days)		
February -14 (28/29 days)		Orange
June -7 (30 days)		
June -14 (30 days)	A	Blue
July -7 (31 days)		Indigo
July -14 (31 days)	D	
September -7 (30 days)		
September -14 (30 days)	E	

There is no space for C and H in CASE1b so CASE1b is cancelled out.

16. B born immediately before the one who likes Green colour.

17. B does not born on odd number date.

18. F likes Pink colour.

CASE1a:

January -7 (31 days)	F	Pink
January -14(31 days)	A	Violet
February -7 (28/29 days)		White
February -14 (28/29 days)	B	Orange
June -7 (30 days)	C	Green
June -14 (30 days)	H	Blue
July -7 (31 days)		Indigo
July -14 (31 days)	D	
September -7 (30 days)		
September -14 (30 days)	E	

19. Only one person born between I and the one who likes Black colour.

20. E does not likes Red colour.

21. No person born between the one who likes Black colour and the one who likes Red colour.

22. J does born immediate after A.

CASE1a:

January -7 (31 days)	F	Pink
January -14(31 days)	A	Violet
February -7 (28/29 days)	G	White
February -14 (28/29 days)	B	Orange
June -7 (30 days)	C	Green
June -14 (30 days)	H	Blue
July -7 (31 days)	I	Indigo
July -14 (31 days)	D	Red
September -7 (30 days)	J	Black
September -14 (30 days)	E	Yellow

Final arrangement:

January -7 (31 days)	F	Pink
January -14(31 days)	A	Violet
February -7 (28/29 days)	G	White
February -14 (28/29 days)	B	Orange
June -7 (30 days)	C	Green
June -14 (30 days)	H	Blue
July -7 (31 days)	I	Indigo
July -14 (31 days)	D	Red
September -7 (30 days)	J	Black
September -14 (30 days)	E	Yellow

46. b

47. d

48. a

49. a

50. e

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Puzzle Days

Direction (1-3): Study the following information carefully and answer the questions given below:

Seven persons K, J, L, R, T, P and M attend the seminar in a week starting from Monday and ends on Sunday. All of them are working in different companies namely, W, D, N, V, Z, Y and B, but not necessarily in the same order. L attends the seminar between Tuesday and Friday. The one who works in the company Y attends the seminar immediately before L. Three persons attend the seminar between K and R. R attends the seminar immediately after the one who works in the company D. R does not attend the seminar on Saturday. The one who works in the company D does not attend the seminar on the first day. R attends the seminar after K. T attends the seminar immediately before the one who works in the company Z. The one who works in the company N attends the seminar immediately before T. Neither L nor R works in the company Z. Only one person attends the seminar between M and the one who works in the company W. M does not work in the company D. T and P does not work in the company B.

1. Who among the following person works in the company B?

a) K

b) J

c) M

d) T

e) None of these

2. How many persons attend the seminar between the one who works in the company Y and T?

a) None

b) One

c) Two

d) Three

e) None of these

3.If J is related to the company D, L is related to the company V, in the same way R is related to which of the following company?

a) D

b) Y

c) W

d) Z

e) None of these

(Directions 4–8): Study the following information carefully and answer the questions given below it

Seven friends namely – P, Q, R, S, T, U, and V like different fruits viz. Apple, Banana, Mango, Orange, Guava, Grapes and Papaya. Each of them visits different cities viz. Rome, Singapore, London, Paris, New Delhi, New York and Italy on a different day starting from Monday to Sunday. All the given information is not necessary in the same order.

T, who neither visits London nor he likes Mango, visits on one of the day before Thursday. Q, who neither likes Grapes nor visits Singapore, visits on one of the day before R. One who likes Grapes visits Italy on Thursday. P visits Rome on Saturday. V visits Paris on one of the day before the one who likes Apple. Only one person visits between the one who likes Mango and the one who visits London. T visits Just after the one who likes Banana. There are three persons visit between the one who likes

Banana and U, who visits New York. Only one person visits between the one who likes Orange and one who likes Apple. Only two person visits before the one who likes Mango. The one who likes Guava visits on one of the day before the one who likes Papaya and R doesn't like Apple. The one who likes orange neither visits on Sunday nor visits New Delhi. The one who likes Guava does not visit Singapore.

4. Which of the following statement is true?

a) Q visits London just before one who likes Mango

b) One who visits on Tuesday visits Paris

c) U visits New York just after one who visits Rome

d) R visits Italy and likes Orange

e) All the above given statements are false

5. Which of the following combination is true?

a) Tuesday – New Delhi – Q – Guava

b) Orange – New York – Thursday – U

c) R – Thursday – Grapes – Italy

d) Saturday – Papaya – V – Rome

e) Monday – Q – Singapore – Banana

6. Who visits on Sunday?

a) One who likes Apple

b) One who visits New York

c) One who visits just after one who likes Orange

d) Either (i) or (ii)

e) Either (i) or (iii)

7. Who visits just after the one who likes Mango?

a) R

b) T

c) P

d) S

e) Q

8. How many person visits after the one who visits Paris?

a) Two

b) One

c) Four

d) Three

e) None

Directions (9-13): Refer to the data below and answer the questions that follow.

P, Q, R, S, T, U, V and W are eight different people who have bought eight different cars – Honda, Mercedes, MG HECTOR, Tata, Tesla, Rolls Royce, Ford and Hyundai on eight different days starting from Monday to Monday. The cars are of eight different colours viz. Red, Blue, White, Yellow, Black, Grey, Beige and Silver. All the information is not necessarily in the same order.

Four people have bought the cars between Q and the person who has bought MG HECTOR. At least two people have bought cars after the person who has bought Ford. Grey and Blackcoloured cars have not been bought immediately before or after a Yellow coloured car. U has bought a car immediately after W. Hyundai is neither Red nor Silver incolour. Neither P nor U has bought MG HECTOR. Beige colouredcar is boughtthree days before Mercedes was bought. S has bought a car either immediately or on one of the days after V but

immediatelybefore the person who has bought Ford. Rolls Royce is neither Blue nor White incolour. Only three people have bought cars between the person who has bought Honda and the person who has bought a Yellow coloured car. Only three people have bought cars between R and T. Tesla has been bought after Hyundai but neither immediately after nor on Monday. The Blue coloured car is bought after the Black coloured carbut before the White coloured car. Q has bought a car on one of the days before the person who has bought MG HECTOR. The number of cars bought before Tesla is as same as the number of cars bought after Hyundai. Q has bought a Silver car. Only two people have bought the cars before S. T has not bought a car on the last day. P and S have bought neither aMercedes nor aTata. Mercedes car is not Silverincolour. Red colouredcar is bought immediately after Greycoloured car but immediately before Black coloured car.

9.Which of the following car is of White colour?

a) Honda

b) Mercedes

c) Hyundai

d) MG HECTOR

e) Ford

10.Whichof the following car does P bought?

a) Honda

b) Tata

c) Rolls Royce

d) Mercedes

e) MG HECTOR

11.In which of the following day does W bought the car?

   a) Tuesday

   b) Wednesday

   c) Thursday

   d) Friday

   e) Saturday

12.Who among the following person has bought the Red coloured car?

   a) P

   b) W

   c) S

   d) Q

   e) U

13.What is the colour of the MG HECTOR car?

   a) White

   b) Black

   c) Beige

   d) Blue

   e) Yellow

Direction (14-16): Study the following information carefully to answer the given questions.

Seven persons attend the seminar in a week starting from Monday and ends on Sunday. Each one of them are in different professionviz.Doctor, Lawyer, Engineer, Auditor, Architect, Teacher and Actor, but not necessarily in the same order.

K attends the seminar on Wednesday. T is not an Engineer. Two persons attend the lecture between X and the one who is an Actor. As many persons attend the lecture after the one who is an Engineer is one more than as many persons attend the lecture before R. Three persons attend the lecture between T and the one who is a teacher, who attends the lecture before T. Only one person attends the lecture between K and the one who is an Engineer. As many persons attend the lecture before S as after X. G attends the lecture before X. As many persons attend the lecture before G as after the one who is a lawyer. The one who is a doctor attends the lecture before M. X is not an auditor.

14.How many persons attend the lecture after M?

   a) 1

   b) 2

   c) 3

   d) 4

   e) None of these

15.If S is related to Lawyer, G is related to Architect, then M is related to which of the following?

   a) Engineer

   b) Doctor

   c) Actor

   d) Auditor

   e) None of these

16.Which of the following statement is not true?

   a) More than three persons attend the lecture before G

b) As many persons attend the lecture between S and the one who is a teacher as between T and the one who is an Engineer

c) Two persons attend the lecture between M and the one who is a doctor

d) Less than one person attends the lecture between G and the one who is a lawyer

e) All are true

Direction (17-21): Study the following information carefully and answer the questions given below.

Seven persons K, M, G, P, F, R and T attend the lecture in a week starting from Monday to Sunday. Each one of them works in different company viz., V, H, B, Q, L, S and Z. All the above information is not necessarily in the same order.

The one who works in the company S attends the lecture between Wednesday and Saturday. R attends the lecture before the one who works in the company S. The number of persons attend the lecture between T and the one who works in the company Q is one more than the number of persons attend the lecture between F and the one who works in the company S. Neither M nor K works in the company Z. Three persons attend the lecture between R and the one who works in the company Q. T does not attend the lecture either on Saturday or on Monday. T does not work in the company Q. Two persons attend the lecture between F and M. Three persons attend the lecture between K and the one who works in the company B. G attends the lecture immediately before K. R does not work

in the company B. T attends the lecture immediately before the one who works in the company H. K does not work in the company V. M doesn't attends the lecture on Monday.

17) Who among the following persons works in the company L?

a) G

b) P

c) K

d) R

e) None of these

18.) How many persons attend the lecture between P and the one who works in the company Z?

a) One

b) Two

c) Three

d) Four

e) None of these

19.) If F is related to H, R is related to S, in the same way who among the following is related to Q?

a) K

b) G

c) M

d) P

e) None of these

20) Who among the following person attends the lecture immediately after the one who works in the company V?

a) K

b) P

c) M

d) G

e) None of these

21) 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) F-Tuesday

b) R-Thursday

c) G-Saturday

d) K-Monday

e) T-Wednesday

Directions (22-26): Study the following information carefully and answer the questions given below. An international seminar was organized from 16th May 2020, which isTuesday, to 23rd May 2020. Eight persons A, B, C, D, E, F, G and H from various countries namely, Brazil, Canada, China, Egypt, France, Greece, Italy and Kuwait takes the seminar on different days starting from the first day, but not necessarily in the same order. Only one person from one country attends the seminar on each day. The person from Brazil takes seminar immediately before the person from Greece. The number of seminars taken after the person from Italy is more than the number of seminars taken between the persons from Greece and Italy. There is a gap of at least 2 days between D's seminar and the person from Brazil. D takes seminar on 20th May. A takes seminar immediately before the person from Italy but he is not from Greece. Three seminars are taken

between A and F's seminar. Neither the person from China nor the one from Egypt takes seminar before G. C is from Canada and he takes seminar immediately before F, but not on Monday. B does not belong to France but both of them takesseminar on Tuesday. Neither H nor G is from France. G does not take seminar before H.

22.G belongs to which of the following country?

a) Greece

b) Italy

c) Brazil

d) France

e) Kuwait

23.Which of the following statement about F is false?

a) As many persons take seminar before F as after H

b) F either belongs to China or Egypt

c) F takes seminar immediately after the one who belongs to Canada

d) F takes seminar on Tuesday

e) All are true

24.If B is related to Kuwait and G is related to Canada, then in the same way, C is related to which of the following countries?

a) Egypt

b) Italy

c) France

d) Greece

e) China

25.The person from China takes seminar on which of the following dates?

a) 21st

b) 20th

c) 23rd

d) 22nd

e) None of these

26. Who among the following takes seminar on 18th May 2020?

a) The person from Kuwait

b) B

c) C

d) H

e) E

Direction(27-28): Study the following information and answer the given questions. [WRONG]

Six persons take lectures on different subjects in a week starting from Monday and ends on Sunday. One day is off day.

Two lectures were given between the one who taught English and the one who taught chemistry. The one who taught Zoology gives the lecture immediately after the one who taught Botany. Only one day was there between the one who taught physics and the one who taught Botany. As many persons give lecture before the one who taught chemistry as after the one who taught English. At least two lectures were given after the one who taught Zoology. One of the person taught Mathematics.

27. If English lecture was not on Tuesday, then how many ~~the~~ lecture/s is/are there between the one who taught English and the one who taught Zoology?

a) None

b) 1

c) 2

d) 3

e) None of these

28. If physics is related to Tuesday, Zoology is related to Friday, then off day is related to which of the following?

a) Sunday

b) Monday

c) Wednesday

d) Saturday

e) None of these

Direction(29-33): Study the following information given below.

Seven persons attends the class in a week starting from Monday and ends on Sunday and they bought different items T-shirt, Shoes, Top, Jeans, Bag, TV and Refrigerator, but not necessarily in the same order.

Three persons attend the class between R and the one who bought Refrigerator. Only two persons attend the class after the one who bought Jeans. R attends the class before the one who bought Refrigerator. Only one person attends the class between N and the one who bought Top. The one who bought T-shirt attends the class immediately before the one who bought Top. W does not bought Top. The one who bought Bag attends the class immediately before R. As many persons attend the class before W as after N. G attends the class immediately after the one who bought

TV. N and G does not attend the class consecutively. K attends the class immediately after L. W does not boughtShoes. P is one of the persons.

29.How many persons attend the class after the one who bought shoes?

a) No one

b) 1

c) 2

d) 3

e) None of these

30.Whoamong the following person bought Top?

a) L

b) R

c) W

d) K

e) None of these

31.If P is related to Bag, R is related to Top, in the same way K is related to which of the followingitem?

a) Refrigerator

b) Shoes

c) Jeans

d) TV

e) None of these

32. Who among the following person attends the class immediately after K?

a) G

b) The one who bought Refrigerator

c) The one who bought Bag

d) P

e) W

33. Four of the following five are like in a certain way based on the above arrangement. Find which of the following one does not belongs to the group?

a) G-Jeans

b) R-Shoes

c) N-Top

d) W-T-shirt

e) L-TV

Direction(34-38):Study the following information carefully and answer the questions given below it.

Six persons namely – G, Q, T, R, M and K attends seminar on different days of a week starting from Monday to Sunday. One person attends seminar on one day only. Each person was born in different year from 1992 to 1997. Each one of them works in different company. There is a holiday on one of the days.

Two persons attend the seminar between G and the one who was born in 1993. The one who works in Wipro attends the seminar immediately after the one who was born in 1993. More than three persons attend the seminar between G and Q. Q does not work in Accenture. The one who works in HCL attends the seminar immediately before M. Two persons attend the seminar between the one who works in HCL and the one who was born in 1996. The one who works in Wipro was born in an odd numbered year. The one who works in CTS was born in 1994. The one who works in Accenture attends the seminar before Wednesday. T attends the seminar before

the one who works in CTS. G attends the seminar after Q. Holiday is not on Sunday. Three persons attend the seminar between T and the one who works in Infosys. T does not born in 1994. At least two persons attend the seminar after K. R does not attend the seminar on Friday. M is younger than T. Q was born in an even numbered year. The one who was born in 1997 does not attend the seminar immediately before the holiday. One of the companies is TCS. One who attends seminar on Sunday works in Infosys.

34. What is the age difference between the one who works in CTS and T (in years)?

a) 1

b) 2

c) 3

d) 4

e) None of these

35. If Q is related to Tuesday, R is related to Sunday, in the same way K is related to which of the following?

a) Monday

b) Wednesday

c) Thursday

d) Friday

e) None of these

36. How many persons attend the seminar after K?

a) One

b) Two

c) Three

d) Four

e) None of these

37. Four of the following five are like in a certain way based on the above arrangement. Find which of the following one does not belongs to the group?

a) 1995-TCS

b) 1996-CTS

c) M-HCL

d) R-Wipro

e) T-Infosys

38. Which of the following day is holiday?

a) Monday

b) Tuesday

c) Wednesday

d) Thursday

e) None of these

Direction(39-42):Study the following information carefully and answer the given questions:

Seven people viz.Siraj, Asif, Junaid, Mohit, Deepak, Roshan and Abhay, voluntarily donated some amount to a charity which works for the education of orphan kids. These seven people also chose to teach the kids for a few hours, they taught on different days of the week from Monday to Sunday. The minimum amount that can be donated is Rs. 1000 and also no two people donated the same amount.

The person who taught on Thursday donated Rs. 1800 more than Junaid. The average donation made by the people who taught the kids on Monday and Saturday is Rs. 2000, also the difference in their donation is Rs. 1000. The

difference between the donation of Deepak and Abhay is Rs. 1600, where Abhay is not the highest donor. Asif taught three days after Roshan and his donation is four times as that of Roshan. Deepak taught the students three days after Abhay but two days before the person who donated Rs. 4200. Junaid taught four days after Siraj and his donation is double as that of Siraj. The donation made by Deepak is double as that of Mohit.

39. Who taught the kids a day after Mohit did?

   a) Junaid

   b) Deepak

   c) Asif

   d) Siraj

   e) Roshan

40. What is the average donation of the people who taught the kids on Monday and Sunday?

   a) Rs. 3000

   b) Rs. 2550

   c) Rs. 1850

   d) Rs. 2850

   e) Rs. 2300

41. Who donated the least amount?

   a) Mohit

   b) Siraj

   c) Roshan

   d) Asif

   e) None of the above

42. What is the highest amount donated to the charity?

   a) Rs. 4000

   b) Rs. 6000

   c) Rs. 5400

   d) Rs. 4200

   e) None of the above

Directions (43-47): Study the following information carefully and answer the questions.

Eight gift boxes B1, B2, B3, B4, B5, B6, B7 and B8 are purchased from eight different E-commerce websites viz. Alibaba, Jabong, Quikr, Flipkart, Amazon, Snapdeal, Ebay and Myntra which are delivered to Eight different places viz. Delhi, Mumbai, Hyderabad, Lucknow, Kanpur, Indore, Ahmedabad and Ludhiana on six different days starting from Monday to Saturday. All the above information is not necessarily in the same order.

Note: At least one and not more than two gift boxes are delivered on a same day. Not more than one Box is bought from the same E-commerce website and not more than one box is delivered to the same place.

Three boxes are delivered between B2 and B1. B5 is not bought from Jabong. B3 is not delivered to Mumbai. B4 is delivered to Hyderabad on Tuesday. The box which is delivered to Ludhiana is bought immediately before the box which is bought from Quikr. The number of boxes delivered after B5 is as same as the number of boxes delivered before B8. Only one box is delivered on the last day. B6 is not bought from Alibaba. The box which is bought from Snapdeal is delivered to Lucknow. B2 is delivered on one of the days after B3. B1 is delivered to Delhi. The box which is delivered to Kanpur is delivered

immediately before the day of the box which is delivered to Indore. B5 is delivered immediately before or immediately after the day on which B4 is delivered. B1 is delivered on the first day. The boxes which are bought from Flipkart and Jabong are delivered on a same day. One of the boxes delivered on Wednesday is bought from Alibaba. The box which is bought from Alibaba is delivered in a day immediately after the day which is bought from Amazon but immediately before the day which is bought from Quikr. B3 and B6 are delivered on a same day. B7 is bought from Ebay. Only one box is delivered between B1 and B3.

43. From which of the following websites, the gift boxes B6 and B8 were bought respectively?

    a) Myntra, Snapdeal
    b) Amazon, Quikr
    c) Ebay, Alibaba
    d) Myntra, Quikr
    e) Flipkart, Alibaba

44. Which of the following statement is incorrect?

    a) B5 box is delivered on Thursday
    b) The box which is bought from Alibaba is delivered to Ahmedabad
    c) B8 box is bought from Snapdeal
    d) Both 1) and 3)
    e) B6 box is delivered on Wednesday

45. Which of the following boxes are delivered on Tuesday, Friday and Saturday respectively?

    a) B4, B6, B8
    b) B5, B2, B3
    c) B1, B6, B8
    d) B2, B4, B8
    e) B4, B7, B8

46. To which of the following place is box B3 delivered?

    a) Lucknow
    b) Kanpur
    c) Mumbai
    d) Indore
    e) None of these

47. To which of the following place is Box B5 delivered?

    a) Lucknow
    b) Kanpur
    c) Mumbai
    d) Indore
    e) None of these

(Directions 48–50): Study the following information carefully and answer the questions given below it.

Seven employees of a company namely Akhil, Apurva, Karan, Mayank, Pratik, Sahil and Saket attends seminar on seven consecutive daysstarting from Friday, but not necessary in same order. Each employee attends seminar on only one day. Pratik attends seminar on Wednesday. Only two persons attend seminar between Mayank and Pratik. Sahil attends seminar three days before Saket. Sahil does not attend seminar on Saturday. Saket does not attend seminar on the last day. Kanan attends seminar after Akhil. Kanan does not attend seminar onthe last day.

48. Whendoes Kanan attend seminar?

a) Thursday

b) Tuesday

c) Saturday

d) Friday

e) None of these

49.Whoamong the following attends seminar on Thursday?

a) Kanan

b) Apurva

e) None of these

c) Mayank

d) Akhil

e) None of these

50.How many persons are attending seminar between Saket and Apurva?

a) 3

b) 1

c) 4

d) 2

Puzzle Days - Answer and Explanation

Direction (1-3):

1. Answer: b

2. Answer: c

3. Answer: d

Explanation:

Monday	K	W
Tuesday	J	B
Wednesday	M	Y
Thursday	L	D
Friday	R	N
Saturday	T	V
Sunday	P	Z

L attends the seminar between Tuesday and Friday. The one who works in the company Y attends the seminar immediately before L.

Case 1:		
Monday		
Tuesday		Y
Wednesday	L	
Thursday		
Friday		
Saturday		
Sunday		

Case 2:		
Monday		
Tuesday		
Wednesday		Y
Thursday	L	
Friday		
Saturday		
Sunday		

Three persons attend the seminar between K and R. R attends the seminar immediately after the one who works in the company D. R does not attend the seminar on Saturday. The one who works in the company D does not attend the seminar on the first day. R attends the seminar after K.

Case 1:

Monday	K	
Tuesday		Y
Wednesday	L	
Thursday		D
Friday	R	
Saturday		
Sunday		

Case 2(a):

Monday	K	
Tuesday		
Wednesday		Y
Thursday	L	D
Friday	R	
Saturday		
Sunday		

Case 2(b):

Monday		
Tuesday	K	
Wednesday		Y
Thursday	L	
Friday		D
Saturday	R	
Sunday		

➢ T attends the seminar immediately before the one who works in the company Z.

➢ The one who works in the company D does not attend the seminar on the first day.

➢ Neither L nor R works in the company Z.

➢ The one who works in the company N attends the seminar immediately before T.

➢ Only one person attends the seminar between M and the one who works in the company W.

➢ M does not work in the company D.

Case 1: ✗

Monday	K	
Tuesday		Y
Wednesday	L	
Thursday		D
Friday	R	N
Saturday	T	
Sunday	M	Z

This case will be dropped because only one person attends the seminar between M and the one who works in company W

Case 2(a): ✓

Monday	K	W
Tuesday	J	B
Wednesday	M	Y
Thursday	L	D
Friday	R	N
Saturday	T	V
Sunday	P	Z

Case 2(b): ✗

Monday		
Tuesday	K	
Wednesday		Y
Thursday	L	
Friday		D
Saturday	R	
Sunday		

This case will be dropped because only one person attends the seminar between the one who works in company N and the one who works in company Z

Direction(4-8):

Name	Day	Place	Fruit
Q	Monday	London	Banana
T	Tuesday	New Delhi	Guava
V	Wednesday	Paris	Mango
R	Thursday	Italy	Grapes
U	Friday	New York	Orange
P	Saturday	Rome	Papaya
S	Sunday	Singapore	Apple

4. Answer: e

5. Answer: c

6. Answer: a

7. Answer: a

8. Answer: c

Explanation:

We have:

- The one who likes Grapes visits Italy on Thursday. P visits Rome on Saturday and only two person visits before the one who likes Mango, which means the one who likes Mango visits on Wednesday.

- Only one person visits between the one who likes Mango and the one who visits London, that means we have two possibility for the one who visits London, thus in case (1) the one who visits London visits on Monday and in case (2) the one who visits London visits on Friday.

Based on above given information we have:

Case (1)				Case (2)			
Name	Day	Place	Fruit	Name	Day	Place	Fruit
	Mon	London			Mon		
	Tue				Tue		
	Wed		Mango		Wed		Mango
	Thu	Italy	Grapes		Thu	Italy	Grapes
	Fri				Fri	London	
P	Sat	Rome		P	Sat	Rome	
	Sun				Sun		

Again, we have:

- T, who neither visits London nor likes Mango, visits on one of the day before Thursday and T visits Just after the one who likes Banana, that means T must visits one Tuesday.
- Only three person visits between the one who likes Banana and U who visits New York, that means U must visit on Friday, thus case (2) is not valid.

Based on above given information we have:

Case (1)				Case (2)			
Name	Day	Place	Fruit	Name	Day	Place	Fruit
	Mon	London	Banana		Mon		Banana
T	Tue			T	Tue		
	Wed		Mango		Wed		Mango
	Thu	Italy	Grapes		Thu	Italy	Grapes
U	Fri	New York			Fri	London	
P	Sat	Rome		P	Sat	Rome	
	Sun				Sun		

Case (2) is not valid as U visits New York after three day from one who likes Banana, thus we can't place U on Friday in case (2).

Again, we have:

- V visits Paris on one of the day before the one who likes Apple and only one person visits between the one who likes Orange, who neither visits on Sunday nor visits New Delhi, and the one who likes Apple, that means V must visit on Wednesday and the one who likes Apple visits on Sunday.
- The one who likes Guava visits on one of the day before the one who likes Papaya, that means T must like Guava.
- Q, who neither likes Grapes nor visits Singapore, visits on one of the day before R and R doesn't like Apple that means R must visit on Thursday and Q visits on Monday.

Based on given information we have final arrangement as follow:

Name	Day	Place	Fruit
Q	Monday	London	Banana
T	Tuesday	New Delhi	Guava
V	Wednesday	Paris	Mango
R	Thursday	Italy	Grapes
U	Friday	New York	Orange
P	Saturday	Rome	Papaya
S	Sunday	Singapore	Apple

Directions (9-13):

9.Answer: b

10.Answer: c

11.Answer: e

12.Answer: c

13.Answer: d

Explanation:

1) Only two people have bought the cars before S.

2) Four people have bought the cars between Q and the person who has bought MG HECTOR.

3) Q has bought a car on one of the days before the person who has bought MG HECTOR.

4) Q has bought a Silver car.

5) The number of cars bought before Tesla is as same as the number of cars bought after Hyundai.

6) Hyundai is neither Red nor Silver in colour.

7) Tesla has been bought after Hyundai but neither immediately nor on Monday.

Case 1

Days	People	Car	Colour
Monday	Q		Silver
Tuesday		Hyundai	
Wednesday	S		
Thursday			
Friday			
Saturday		MG HECTOR	
Sunday		Tesla	
Monday			

Case 2

Days	People	Car	Colour
Monday			
Tuesday	Q		Silver
Wednesday	S	Hyundai	
Thursday			
Friday			
Saturday		Tesla	
Sunday		MG HECTOR	
Monday			

8) S has bought a car either immediatelyor on one of the days after V but immediatelybefore the person who has bought Ford.

9) At least two people have bought cars after the person who has bought Ford.

10) Only three people have bought cars between R and T.

11) T has not bought a car on the last day.

Case 1 (a)

Days	People	Car	Colour
Monday	Q		Silver
Tuesday	V	Hyundai	
Wednesday	S		
Thursday	T	Ford	
Friday			
Saturday		MG HECTOR	
Sunday		Tesla	
Monday	R		

Case 1 (b)

Days	People	Car	Colour
Monday	Q		Silver
Tuesday	V	Hyundai	
Wednesday	S		
Thursday	T		
Friday		Ford	
Saturday		MG HECTOR	
Sunday		Tesla	
Monday	R		

Case 2 (a)

Days	People	Car	Colour
Monday	V		
Tuesday	Q		Silver
Wednesday	S	Hyundai	
Thursday	T	Ford	
Friday			
Saturday		Tesla	
Sunday		MG HECTOR	
Monday	R		

Case 2 (b)

Days	People	Car	Colour
Monday	V		
Tuesday	Q		Silver
Wednesday	S	Hyundai	
Thursday	T		
Friday		Ford	
Saturday		Tesla	
Sunday		MG HECTOR	
Monday	R		

12) U has bought a car immediately after W.

13) Neither P nor U has bought MG HECTOR.

Thus, all three cases get eliminated except case 1 (a)

Case 1 (a)

Days	People	Car	Colour
Monday	Q		Silver
Tuesday	V	Hyundai	
Wednesday	S		
Thursday	T	Ford	
Friday	P		
Saturday	W	MG HECTOR	
Sunday	U	Tesla	
Monday	R		

14) P and S have bought neither Mercedes nor Tata.

15) Mercedes car is not Silver in colour.

So, R has bought Mercedes and Q has bought Tata.

Case 1 (a)

Days	People	Car	Colour
Monday	Q	Tata	Silver
Tuesday	V	Hyundai	
Wednesday	S		
Thursday	T	Ford	
Friday	P		
Saturday	W	MG HECTOR	
Sunday	U	Tesla	
Monday	R	Mercedes	

16) Only three people have bought cars between the person who has bought Honda and the person who has bought a yellow colouredcar.

17) Rolls Royce is neither Blue nor White in colour.

So, S has bought Honda and P has bought Rolls Royce.

Case 1 (a)

Days	People	Car	Colour
Monday	Q	Tata	Silver
Tuesday	V	Hyundai	
Wednesday	S	Honda	
Thursday	T	Ford	
Friday	P	Rolls Royce	
Saturday	W	MG HECTOR	
Sunday	U	Tesla	Yellow
Monday	R	Mercedes	

18) Grey and Blackcoloured cars have not been bought immediately before or after a Yellow coloured car.

19) The Blue colouredcar is bought after the Black coloured carbut before the White coloured car.

20) Red colouredcar is bought immediately after Greycoloured car but immediately before Black coloured car.

21) Beige colouredcar is boughtthree days before Mercedes was bought.

Final Arrangement

Days	People	Car	Colour
Monday	Q	Tata	Silver
Tuesday	V	Hyundai	Grey
Wednesday	S	Honda	Red
Thursday	T	Ford	Black
Friday	P	Rolls Royce	Beige
Saturday	W	MG HECTOR	Blue
Sunday	U	Tesla	Yellow
Monday	R	Mercedes	White

Direction (14-16):

14. Answer: c

15. Answer: d

16. Answer: d

Monday	S	Doctor
Tuesday	R	Teacher
Wednesday	K	Lawyer
Thursday	M	Actor
Friday	G	Engineer
Saturday	T	Auditor
Sunday	X	Architect

Explanation:

->K attends the seminar on Wednesday.

->Only one person attends the lecture between K and the one who is an Engineer.

->As many persons attend the lecture after the one who is an Engineer is one more than as many persons attend the lecture before R.

Case 1:

Monday		Engineer
Tuesday		
Wednesday	K	
Thursday		
Friday		
Saturday	R	
Sunday		

Case 2:

Monday		
Tuesday	R	
Wednesday	K	
Thursday		
Friday		Engineer
Saturday		
Sunday		

->Three persons attend the lecture between T and the one who is a teacher, who attends the lecture before T. T is not an Engineer.

->Two persons attend the lecture between X and the one who is an Actor.

->As many persons attend the lecture before S as after X. G attends the lecture before X.

One case added by myself (table modified)

Case-1 [Eliminated] No place S and X			Case-2 [Eliminated] No place S and X			Case-2-A		
Day	Persons	Profession	Day	Persons	Profession	Day	Persons	Profession
Monday	X/S	Engineer	Monday	X/S		Monday	S	

Tuesday	S		Tuesday	R		Tuesday	R	Teacher
Wednesday	K	Teacher	Wednesday	K	Teacher	Wednesday	K	
Thursday	S		Thursday	S		Thursday	G/	Actor
Friday	S		Friday	S	Engineer	Friday	G/	Engineer
Saturday	R		Saturday	S		Saturday	T	
Sunday	T		Sunday	T		Sunday	X	

->case 1 & 2 is eliminated because as many persons attend the lecture before S as after X.

As many persons attend the lecture before G after the one who is a lawyer.

->The one who is a doctor attends the lecture before M. X is not an auditor.

Case 2: A

Monday	S	Doctor
Tuesday	R	Teacher
Wednesday	K	Lawyer
Thursday	M	Actor
Friday	G	Engineer
Saturday	T	Auditor
Sunday	X	Architect

Directions (17-21):

17.Answer: C

18.Answer: E

19.Answer: B

20.Answer: D

21.Answer: D

Monday	F	Z
Tuesday	T	B
Wednesday	R	H
Thursday	M	V
Friday	G	S
Saturday	K	L
Sunday	P	Q

The one who works in the company S attends the lecture between Wednesday and Saturday. Three persons attend the lecture between R and the one who works in the company Q. R attends the seminar before the one who works in the company S.

Case 1:

Monday	R	
Tuesday		
Wednesday		
Thursday	S	
Friday	Q	
Saturday		
Sunday		

Case 2:

Monday		
Tuesday	R	
Wednesday		
Thursday	S	
Friday		
Saturday	Q	
Sunday		

Case 3:

Monday		
Tuesday		
Wednesday	R	
Thursday	S	
Friday		
Saturday		
Sunday	Q	

Case 4:

Monday		
Tuesday	R	
Wednesday		
Thursday		
Friday	S	
Saturday	Q	
Sunday		

Case 5:

Monday		
Tuesday		
Wednesday	R	
Thursday		
Friday	S	
Saturday		
Sunday	Q	

Number of persons attend the lecture between T and the one who works in the company Q is one more than number of persons attend the lecture between F and the one who works in the company S. T attends the lecture immediately before the one who works in the company H. T does not attend the lecture either on Saturday or on Monday. T does not work in the company Q. Two persons attend the lecture between F and M. M doesn't attend the lecture on Monday.

Case 1:

Monday	R	
Tuesday	T	
Wednesday	M	H
Thursday		S
Friday		Q
Saturday	F	
Sunday		

Case 2:

Monday		
Tuesday	R	
Wednesday	F	
Thursday	T	S
Friday		H
Saturday	M	Q
Sunday		

Case 3:

Monday		
Tuesday	F	
Wednesday	R	
Thursday	T	S
Friday	M	H
Saturday		
Sunday		Q

Case 4:

Monday		
Tuesday	R	
Wednesday	T	
Thursday	M	H
Friday		S
Saturday		Q
Sunday	F	

Case 5(a):

Monday	F	
Tuesday	T	
Wednesday	R	H
Thursday	M	
Friday		S
Saturday		
Sunday		Q

Case 5(b):

Monday		
Tuesday		
Wednesday	R	
Thursday	F	
Friday	T	S
Saturday		H
Sunday	M	Q

Three persons attend the lecture between K and the one who works in the company B. G attends the lecture immediately before K. R does not work in the company B.

Case 1: ✗

Monday	R	B
Tuesday	T	
Wednesday	M	H
Thursday	G	S
Friday	K	Q
Saturday	F	
Sunday		

Case 2: ✗

Monday		
Tuesday	R	
Wednesday	F	
Thursday	T	S
Friday		H
Saturday	M	Q
Sunday		

Case 3: ✗

Monday		
Tuesday	F	
Wednesday	R	B
Thursday	T	S
Friday	M	H
Saturday	G	
Sunday	K	Q

Case 4: ✗

Monday		
Tuesday	R	B
Wednesday	T	
Thursday	M	H
Friday	G	S
Saturday	K	Q
Sunday	F	

Case 5(a):

Monday	F	
Tuesday	T	B
Wednesday	R	H
Thursday	M	
Friday	G	S
Saturday	K	
Sunday		Q

Case 5(b): ✗

Monday	G	
Tuesday	K	
Wednesday	R	
Thursday	F	
Friday	T	S
Saturday		H
Sunday	M	Q

Case 2 will be dropped because G attends the lecture immediately before K.

Case 5(b) will be dropped because three persons attend the lecture between K and the one who works in company B.

Case 1, 3 and 4 will be dropped because R does not work in company B.

K does not work in the company V. Neither M nor K works in the company Z.

Case 5(a):

Monday	F	Z
Tuesday	T	B
Wednesday	R	H
Thursday	M	V
Friday	G	S
Saturday	K	L
Sunday	P	Q

Directions (22-25):

22. Answer: b

23. Answer: d

24. Answer: c

25. Answer: e

26. Answer: a

Date	Day	Person	Country
16th	Tue	B	Brazil
17th	Wed	H	Greece
18th	Thu	A	Kuwait
19th	Fri	G	Italy
20th	Sat	D	Egypt/China
21st	Sun	C	Canada
22nd	Mon	F	China/Egypt
23rd	Tue	E	France

Explanation:

D takes seminar on 20th May. There is a gap of at least 2 days between D's seminar and the person from Brazil. The person from Brazil takes seminar immediately before the person from Greece.

Date	Day	Case 1		Case 2	
		Person	Country	Person	Country
16th	Tue				Brazil
17th	Wed		Brazil		Greece
18th	Thu		Greece		
19th	Fri				
20th	Sat	D		D	
21st	Sun				
22nd	Mon				
23rd	Tue				

The number of seminars taken after the person from Italy is more than the number of seminars taken between the persons from Greece and Italy. A takes seminar immediately before the person from Italy but he is not from Greece.

Date	Day	Case 1		Case 2a		Case 2b	
		Person	Country	Person	Country	Person	Country
16th	Tue				Brazil		Brazil
17th	Wed		Brazil		Greece		Greece
18th	Thu		Greece			A	
19th	Fri	A		A			Italy
20th	Sat	D	Italy	D	Italy	D	
21st	Sun						
22nd	Mon						
23rd	Tue						

Three seminars are taken between A and F's seminar. C is from Canada and he takes seminar immediately before F, but not on Monday.

Date	Day	Case 1		Case 2a		Case 2b	
		Person	Country	Person	Country	Person	Country
16th	Tue				Brazil		Brazil
17th	Wed		Brazil		Greece		Greece
18th	Thu		Greece			A	
19th	Fri	A		A			Italy
20th	Sat	D	Italy	D	Italy	D	
21st	Sun					C	Canada
22nd	Mon	C	Canada	C	Canada	F	
23rd	Tue	F		F			

Since C does not take seminar on Monday, Case 1 and Case 2a gets cancelled.

B does not belong to France but both of them takes seminar on Tuesday. Neither H nor G is from France. G does not take seminar before H. Neither the person from China nor the one from Egypt takes seminar before G.

Date	Day	Case 2b	
		Person	Country
16th	Tue	B	Brazil
17th	Wed	H	Greece
18th	Thu	A	Kuwait
19th	Fri	G	Italy
20th	Sat	D	Egypt/China
21st	Sun	C	Canada
22nd	Mon	F	China/Egypt
23rd	Tue	E	France

Direction (27-28):

27. Answer: a

28. Answer: d

Explanation:

Monday	Physics
Tuesday	English/Chemistry
Wednesday	Botany
Thursday	Zoology
Friday	-
Saturday	Chemistry/English
Sunday	Mathematics

->Two lectures were given between the one who taught English and the one who taught chemistry.

->As many persons give lecture before the one who taught chemistry as after the one who taught English.

In both case 1 and 2 off day is between Tuesday and Saturday.

Case 1:

Monday	
Tuesday	English
Wednesday	
Thursday	
Friday	
Saturday	Chemistry
Sunday	

Case 2:

Monday	
Tuesday	Chemistry
Wednesday	
Thursday	
Friday	
Saturday	English
Sunday	

->The one who taught Zoology gives the lecture immediately after the one who taught Botany.

->Only one day was there between the one who taught physics and the one who taught Botany.

-> One of the person taught Mathematics. sAt least two lectures were given after the one who taught Zoology.

Case 1:

Monday	Physics
Tuesday	English
Wednesday	Botany
Thursday	Zoology
Friday	-
Saturday	Chemistry
Sunday	Mathematics

Case 2:

Monday	Physics
Tuesday	Chemistry
Wednesday	Botany
Thursday	Zoology
Friday	-
Saturday	English
Sunday	Mathematics

Direction(29-33):

29. Answer: e

30. Answer: a

31. Answer: d

32. Answer: e

33. Answer: d

Seven persons attends the class in a week starting from Monday and ends on Sunday and they bought different items T-shirt, Shoes, Top, Jeans, Bag, TV and Refrigerator, but not necessarily in the same order.

Day	Persons	Items
Monday		
Tuesday		
Wednesday		
Thursday		
Friday		
Saturday		
Sunday		

Only two persons attend the class after the one who bought Jeans.

Day	Persons	Items
Monday		
Tuesday		
Wednesday		
Thursday		
Friday		Jeans
Saturday		
Sunday		

Three persons attend the class between R and the one who bought Refrigerator.

R attends the class before the one who bought Refrigerator.

The one who bought Bag attends the class immediately before R.

Case-1			Case-2		
Day	Persons	Items	Day	Persons	Items
Monday		Bag	Monday		
Tuesday	R		Tuesday		Bag

Wednesday			Wednesday	R	
Thursday			Thursday		
Friday		Jeans	Friday		Jeans
Saturday		Refrigerator	Saturday		
Sunday			Sunday		Refrigerator

Only one person attends the class between N and the one who bought Top.

The one who bought T-shirt attends the class immediately before the one who bought Top.

Case-1			Case-2		
Day	Persons	Items	Day	Persons	Items
Monday	N/	Bag	Monday		
Tuesday	R	T-Shirt	Tuesday	N	Bag
Wednesday		Top	Wednesday	R	T-Shirt
Thursday			Thursday		Top

Friday	N/	Jeans	Friday		Jeans
Saturday		Refrigerator	Saturday		
Sunday			Sunday		Refrigerator

Case-1-A			Case-2-A		
Day	Persons	Items	Day	Persons	Items
Monday		Bag	Monday		
Tuesday	R		Tuesday		Bag
Wednesday		T-Shirt	Wednesday	R	T-Shirt
Thursday		Top	Thursday		Top
Friday		Jeans	Friday		Jeans
Saturday	N	Refrigerator	Saturday	N	
Sunday			Sunday		Refrigerator

As many persons attend the class before W as after N.

W does not bought Top.

Case-1	Case-2

Day	Persons	Items	Day	Persons	Items
Monday	N	Bag	Monday		
Tuesday	R	T-Shirt	Tuesday	N	Bag
Wednesday		Top	Wednesday	R	T-Shirt
Thursday			Thursday		Top
Friday		Jeans	Friday		Jeans
Saturday		Refrigerator	Saturday	W	
Sunday	W		Sunday		Refrigerator

Case-1-A [Eliminated] No place for W			Case-2-A		
Day	Persons	Items	Day	Persons	Items
Monday		Bag	Monday		
Tuesday	R		Tuesday	W	Bag
Wednesday		T-Shirt	Wednesday	R	T-Shirt

Thursday		Top	Thursday		Top
Friday		Jeans	Friday		Jeans
Saturday	N	Refrigerator	Saturday	N	
Sunday			Sunday		Refrigerator

Sunday	W		Sunday	G	Refrigerator

G attends the class immediately after the one who bought TV.

N and G does not attend the class consecutively.

Case-1			Case-2		
Day	Persons	Items	Day	Persons	Items
Monday	N	Bag	Monday		
Tuesday	R	T-Shirt	Tuesday	N	Bag
Wednesday		Top	Wednesday	R	T-Shirt
Thursday		TV	Thursday		Top
Friday	G	Jeans	Friday		Jeans
Saturday		Refrigerator	Saturday	W	TV

Case-2-A [Eliminated]

2nd statement violates

Day	Persons	Items
Monday		
Tuesday	W	Bag
Wednesday	R	T-Shirt
Thursday		Top
Friday		Jeans
Saturday	N	TV
Sunday	G	Refrigerator

K attends the class immediately after L.

W does not boughtShoes.

P is one of the persons.

Case-1 [Eliminated]			Case-2		
2nd statement violates					
Day	Persons	Items	Day	Persons	Items
Monday	N	Bag	Monday	P	Shoes

Day			Day		
Tuesday	R	T-Shirt	Tuesday	N	Bag
Wednesday		Top	Wednesday	R	T-Shirt
Thursday		TV	Thursday	L	Top
Friday	G	Jeans	Friday	K	Jeans
Saturday		Refrigerator	Saturday	W	TV
Sunday	W	~~Shoes~~	Sunday	G	Refrigerator

Day	Item	Object
Monday	P	Shoes
Tuesday	N	Bag
Wednesday	R	T-shirt
Thursday	L	Top
Friday	K	Jeans
Saturday	W	TV
Sunday	G	Refrigerator

Direction (34-38):

34.Answer: a

35.Answer: d

36.Answer: c

37.Answer: e

38.Answer: c

Explanation:

Six persons namely – G, Q, T, R, M and K attends seminar on different days of a week starting from Monday to Sunday. One person attends seminar on one day only. Each person was born in different year from 1992 to 1997. Each one of them works in different company. There is a holiday on one of the days.

Day	Persons	Company	Year
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Saturday			
Sunday			

One who attends seminar on Sunday works in Infosys.

Three persons attend the seminar between T and the one who works in Infosys.

Holiday is not on Sunday

Case-1 (off day is Monday or Tuesday)			
Day	Persons	Company	Year
Monday			
Tuesday			
Wednesday	T		

Day			
Thursday			
Friday			
Saturday			
Sunday		Infosys	

Case-2: If off day is there b/w T and Infosys

Case-2 (off day b/w T and Infosys)			
Day	Persons	Company	Year
Monday			
Tuesday	T		
Wednesday			
Thursday			
Friday			
Saturday			
Sunday		Infosys	

More than three persons attend the seminar between G and Q.

G attends the seminar after Q.

Case-1 (off day is Monday or Tuesday)	Case-1 (off day is Monday or Tuesday)

Day	Persons	Company	Year	Day	Persons	Company	Year
Monday	OFF DAY			Monday	Q		
Tuesday	Q			Tuesday	OFF DAY		
Wednesday	T			Wednesday	T		
Thursday				Thursday			
Friday				Friday			
Saturday				Saturday			
Sunday	G	Infosys		Sunday	G	Infosys	

My take on case-2: If G on Saturday, we can't make off day b/w T and Infosys. Thus G must on Sunday

Case-2 (off day b/w T and Infosys)			
Day	Persons	Company	Year
Monday	Q		
Tuesday	T		
Wednesday			

Thursday			
Friday			
Saturday			
Sunday	G	Infosys	

Q does not work in Accenture.

The one who works in Accenture attends the seminar before Wednesday.

Case-1 (off day is Monday or Tuesday) Eliminated 1st & 2nd statement not possible				Case-1 (off day is Monday or Tuesday) Eliminated 1st & 2nd statement not possible			
Day	Persons	Company	Year	Day	Persons	Company	Year
Monday	OFF DAY			Monday	Q	~~Accenture~~	
Tuesday	Q	~~Accenture~~		Tuesday	OFF DAY		
Wednesday	T			Wednesday	T		
Thursday				Thursday			
Friday				Friday			

Saturday			Saturday			
Sunday	G	Infosys	Sunday	G	Infosys	

Case-2 (off day b/w T and Infosys)			
Day	Persons	Company	Year
Monday	Q	~~Accenture~~	
Tuesday	T	Accenture	
Wednesday			
Thursday			
Friday			
Saturday			
Sunday	G	Infosys	

Two persons attend the seminar between G and the one who was born in 1993.

The one who works in Wipro attends the seminar immediately after the one who was born in 1993

Case-2 (off day b/w T and Infosys)	Case-2-A (off day b/w T and Infosys) 2nd statement not possible, Eliminated

Day	Persons	Company	Year	Day	Persons	Company	Year
Monday	Q			Monday	Q		
Tuesday	T	Accenture		Tuesday	T	Accenture	
Wednesday	**OFF DAY**			Wednesday			1993
Thursday			1993	Thursday	**OFF DAY**		
Friday		Wipro		Friday			
Saturday				Saturday			
Sunday	G	Infosys		Sunday	G	Infosys	

Day	Persons	Company	Year	Day	Persons	Company	Year
Wednesday			1993	Wednesday			1993
Thursday		Wipro		Thursday		Wipro	
Friday	**OFF DAY**			Friday			
Saturday				Saturday	**OFF DAY**		
Sunday	G	Infosys		Sunday	G	Infosys	

T attends the seminar before the one who works in CTS.

The one who works in CTS was born in 1994.

T does not born in 1994

Case-2 (off day b/w T and Infosys)			
Day	Persons	Company	Year
Monday	Q		
Tuesday	T	Accenture	
Wednesday	**OFF DAY**		

Case-2-B (off day b/w T and Infosys)				Case-2-C (off day b/w T and Infosys)			
Day	Persons	Company	Year	Day	Persons	Company	Year
Monday	Q			Monday	Q		
Tuesday	T	Accenture		Tuesday	T	Accenture	

Thursday			1993
Friday		Wipro	
Saturday		CTS	1994
Sunday	G	Infosys	

Case-2-B (off day b/w T and Infosys)				Case-2-C (off day b/w T and Infosys)			
Day	Persons	Company	Year	Day	Persons	Company	Year
Monday	Q			Monday	Q		
Tuesday	T	Accenture		Tuesday	T	Accenture	
Wednesday			1993	Wednesday			1993
Thursday		Wipro		Thursday		Wipro	
Friday	OFF DAY			Friday		CTS	1994
Saturday		CTS	1994	Saturday	OFF DAY		

Sunday	G	Infosys		Sunday	G	Infosys	

The one who works in HCL attends the seminar immediately before M.

Two persons attend the seminar between the one who works in HCL and the one who was born in 1996.

One of the companies is TCS.

Case-2 (off day b/w T and Infosys)			
Day	Persons	Company	Year
Monday	Q	TCS	
Tuesday	T	Accenture	
Wednesday	OFF DAY		
Thursday		HCL	1993
Friday	M	Wipro	
Saturday		CTS	1994

Sunday	G	Infosys	1996				

Case-2-B (off day b/w T and Infosys)				Case-2-C (off day b/w T and Infosys)			
Day	Persons	Company	Year	Day	Persons	Company	Year
Monday	Q	TCS		Monday	Q		
Tuesday	T	Accenture		Tuesday	T	Accenture	
Wednesday		HCL	1993	Wednesday		HCL	1993
Thursday	M	Wipro		Thursday	M	Wipro	
Friday	**OFF DAY**			Friday		CTS	1994
Saturday		CTS	1994	Saturday	**OFF DAY**		
Sunday	G	Infosys	1996	Sunday	G	Infosys	1996

At least two persons attend the seminar after K.

R does not attend the seminar on Friday.

Case-2 (off day b/w T and Infosys)

Day	Persons	Company	Year
Monday	Q	TCS	
Tuesday	T	Accenture	
Wednesday	**OFF DAY**		
Thursday	K	HCL	1993
Friday	M	Wipro	
Saturday	R	CTS	1994
Sunday	G	Infosys	1996

Case-2-B (off day b/w T and Infosys)				Case-2-C (off day b/w T and Infosys) 2nd statement violates, Eliminated			
Day	Persons	Company	Year	Day	Persons	Company	Year
Monday	Q	TCS		Monday	Q		
Tuesday	T	Accenture		Tuesday	T	Accenture	
Wednesday	K	HCL	1993	Wednesday	K	HCL	1993

Day	Persons	Company	Year	Day	Persons	Company	Year
Thursday	M	Wipro		Thursday	M	Wipro	
Friday	OFF DAY			Friday	R	CTS	1994
Saturday	R	CTS	1994	Saturday	OFF DAY		
Sunday	G	Infosys	1996	Sunday	G	Infosys	1996

Day	Persons	Company	Year
Saturday	R	CTS	1994
Sunday	G	Infosys	1996

Q was born in an even numbered year.

The one who works in Wipro was born in an odd numbered year.

M is younger than T.

The one who was born in 1997 does not attend the seminar immediately before the holiday.

Case-2 (off day b/w T and Infosys)

Day	Persons	Company	Year
Monday	Q	TCS	1992
Tuesday	T	Accenture	1995
Wednesday	OFF DAY		
Thursday	K	HCL	1993
Friday	M	Wipro	1997
Saturday	R	CTS	1994
Sunday	G	Infosys	1996

Case-2-B (off day b/w T and Infosys)

4th statement violates Eliminated

Day	Persons	Company	Year
Monday	Q	TCS	1992
Tuesday	T	Accenture	1995
Wednesday	K	HCL	1993
Thursday	M	Wipro	1997
Friday	OFF DAY		

Day	Person	Year	Company
Monday	Q	1992	TCS
Tuesday	T	1995	Accenture
Wednesday	---	---	---
Thursday	K	1993	HCL
Friday	M	1997	Wipro
Saturday	R	1994	CTS
Sunday	G	1996	Infosys

Direction(39-42):

39.Answer: a

40.Answer: d

41.Answer: c

42.Answer: b

Explanation:

1) Deepak taught the students three days after Abhay but two days before the person who donated Rs. 4200.

(Implies, Abhay taught the class five days before the person who made the donation of Rs. 4200. Hence, there are only two possibilities, i.e. either Abhay taught the students on Monday or Tuesday and we can accordingly map the person who donated Rs. 4200.)

2) The average donation made by the people who taught the kids on Monday and Saturday is Rs. 2000, also the difference in their donation is Rs. 1000.

(Implies, total donation made on Monday and Saturday is Rs. 4000. From statement 1, let us assume that Abhay taught the class on Monday, implies the person who donated Rs. 4200 taught the class on Saturday. But clearly, the person taught on Saturday must have donated less than Rs. 4000 (as a total of Mon and Sat is Rs. 4000). Hence, our assumption was wrong, thus Abhay taught on Tuesday, Deepak taught on Friday and the person who donated Rs. 4200 taught on Sunday.

Also, people who taught on Monday and Saturday donated Rs. 1000 less than the other,

Thus, X + X – 1000 = Rs. 4000

Implies, one person donated Rs. 2500 and other donated Rs. 1500)

Day	Teacher/Donor	Donation (Rs.)
Monday		1500/2500
Tuesday	Abhay	
Wednesday		
Thursday		
Friday	Deepak	
Saturday		2500/1500
Sunday		4200

3) Junaid taught four days after Siraj and his donation is double as that of Siraj.

(There is only one possibility for this to happen, i.e. if Siraj taught the kids on Wednesday and Junaid taught on Sunday.

Also, it implies that Junaid donated Rs. 4200 to the charity~~NGO~~which further implies Siraj donated Rs. 2100)

4) Asif taught three days after Roshan and his donation is four times as that of Roshan.

(There is only one possibility for this to happen, i.e. Roshan taught on Monday and Asif taught on Thursday.

Also, as only Mohit is left to be mapped, it is clear that he taught the class on Saturday.)

Day	Teacher/Donor	Donation (Rs.)
Monday	Roshan	1500/2500
Tuesday	Abhay	
Wednesday	Siraj	2100
Thursday	Asif	
Friday	Deepak	
Saturday	Mohit	2500/1500
Sunday	Junaid	4200

5) The person who taught on Thursday donated Rs. 1800 more than Junaid.

(Implies, Asif donated Rs. 6000 which further implies Roshan donated Rs. 1500 (Acc. to statement 4).

Also, Mohit who taught on Saturday donated Rs. 2500. (Acc. to statement 2))

6) The donation made by Deepak is double as that of Mohit.

(Implies, Deepak donated Rs. 5000)

Day	Teacher/Donor	Donation (Rs.)
Monday	Roshan	1500
Tuesday	Abhay	
Wednesday	Siraj	2100
Thursday	Asif	6000
Friday	Deepak	5000
Saturday	Mohit	2500
Sunday	Junaid	4200

7) The difference between the donation of Deepak and Abhay is Rs. 1600,Abhay is not the highest donor.

(If Abhay had donated Rs. 1600 more than Deepak, then he would become the highest donor, implies Abhay donated Rs. 3400).

Day	Teacher/Donor	Donation (Rs.)
Monday	Roshan	1500
Tuesday	Abhay	3400
Wednesday	Siraj	2100
Thursday	Asif	6000
Friday	Deepak	5000
Saturday	Mohit	2500
Sunday	Junaid	4200

Directions (43-47):

43. Answer: a

44. Answer: a

45. Answer: e

46. Answer: e

47. Answer: c

Explanation:

Boxes	Days	Places	E-commerce Websites
B5	Monday	Mumbai	Flipkart
B1	Monday	Delhi	Jabong
B4	Tuesday	Hyderabad	Amazon
B3	Wednesday	Ahmedabad	Alibaba
B6	Wednesday	Ludhiana	Myntra
B2	Thursday	Kanpur	Quikr
B7	Friday	Indore	Ebay
B8	Saturday	Lucknow	Snapdeal

1) B1 is delivered on the first day.

2) Only one box is delivered on the last day.

3) Three boxes are delivered between B2 and B1.

Case 1

Boxes	Days	Places	E-commerce Websites
B1	Monday		
B2			
	Friday		
	Saturday		

Case 2

Boxes	Days	Places	E-commerce Websites
	Monday		
B1	Monday		
B2			
	Friday		
	Saturday		

4) B2 is delivered on one of the days after B3. Only one box is delivered between B1 and B3.

5) B4 is delivered to Hyderabad on Tuesday.

Case 1(a)

Boxes	Days	Places	E-commerce Websites
B1	Monday		
B3			
B4	Tuesday	Hyderabad	
B2			
	Friday		
	Saturday		

Case 1(b)

Boxes	Days	Places	E-commerce Websites
B1	Monday		
B4	Tuesday	Hyderabad	
B3			
B2			
	Friday		
	Saturday		

Case 2(a)

Boxes	Days	Places	E-commerce Websites
	Monday		
B1	Monday		
B3			
B4	Tuesday	Hyderabad	
B2			
	Friday		
	Saturday		

Case 1(b)

Boxes	Days	Places	E-commerce Websites
B1	Monday		
B4	Tuesday	Hyderabad	
B3	Wednesday		
B6	Wednesday		
B2	Thursday		
	Friday		
	Saturday		

Case 2(b)

Boxes	Days	Places	E-commerce Websites
	Monday		
B1	Monday		
B4	Tuesday	Hyderabad	
B3			
B2			
	Friday		
	Saturday		

Case 2(b)

Boxes	Days	Places	E-commerce Websites
	Monday		
B1	Monday		
B4	Tuesday	Hyderabad	
B3	Wednesday		
B6	Wednesday		
B2	Thursday		
	Friday		
	Saturday		

6)B3 and B6 are delivered on a same day.

(Case 1(a) and 2(b) will be eliminated here.)

7) B5 is delivered immediately before or immediately after the day on which B4 is delivered.

(Case 1(b) will be eliminated here.)

8) The number of boxes delivered after B5 is as same as the number of boxes delivered before B8.

(Only one day left for B7 i.e. Friday.)

Case 2(b)

Boxes	Days	Places	E-commerce Websites
B5	Monday		
B1	Monday		
B4	Tuesday	Hyderabad	
B3	Wednesday		
B6	Wednesday		
B2	Thursday		
B7	Friday		
B8	Saturday		

9) B5 is not bought from Jabong. B3 is not delivered to Mumbai. B6 is not bought from Alibaba.

Case 2(b)

Boxes	Days	Places	E-commerce Websites
B5	Monday		~~Jabong~~
B1	Monday		
B4	Tuesday	Hyderabad	
B3	Wednesday	~~Mumbai~~	
B6	Wednesday		~~Alibaba~~
B2	Thursday		
B7	Friday		
B8	Saturday		

12) B1 is delivered to Delhi.

Case 2(b)

Boxes	Days	Places	E-commerce Websites
B5	Monday		~~Jabong~~
B1	Monday	Delhi	
B4	Tuesday	Hyderabad	
B3	Wednesday	~~Mumbai~~	
B6	Wednesday		~~Alibaba~~
B2	Thursday		
B7	Friday		
B8	Saturday		

13) The boxes which are bought from Flipkart and Jabong are delivered on a same day.

14) One of the boxes delivered on Wednesday is bought from Alibaba.

Case 2(b)

Boxes	Days	Places	E-commerce Websites
B5	Monday		Flipkart
B1	Monday	Delhi	Jabong
B4	Tuesday	Hyderabad	
B3	Wednesday	~~Mumbai~~	Alibaba
B6	Wednesday		~~Alibaba~~
B2	Thursday		
B7	Friday		
B8	Saturday		

15) The box which is bought from Alibaba is delivered in a day immediately after the day which is bought from Amazon but immediately before the day which is bought from Quikr.

16) The box which is delivered to Ludhiana is bought immediately before the box which is bought from Quikr.

17) B7 is bought from Ebay.

Case 2(b)

Boxes	Days	Places	E-commerce Websites
B5	Monday		Flipkart
B1	Monday	Delhi	Jabong
B4	Tuesday	Hyderabad	Amazon
B3	Wednesday	~~Mumbai~~	Alibaba
B6	Wednesday	Ludhiana	
B2	Thursday		Quikr
B7	Friday		Ebay
B8	Saturday		

18) The box which is delivered to Kanpur is delivered immediately before the day of the box which is delivered to Indore.

(Two cases arise here.)

Case 2(b)i

Boxes	Days	Places	E-commerce Websites
B5	Monday		Flipkart
B1	Monday	Delhi	Jabong
B4	Tuesday	Hyderabad	Amazon
B3	Wednesday	~~Mumbai~~	Alibaba
B6	Wednesday	Ludhiana	
B2	Thursday	Kanpur	Quikr
B7	Friday	Indore	Ebay
B8	Saturday		

Case 2(b)ii

Boxes	Days	Places	E-commerce Websites
B5	Monday		Flipkart
B1	Monday	Delhi	Jabong
B4	Tuesday	Hyderabad	Amazon
B3	Wednesday	~~Mumbai~~	Alibaba
B6	Wednesday	Ludhiana	
B2	Thursday		Quikr
B7	Friday	Kanpur	Ebay
B8	Saturday	Indore	

19) The box which is bought from Snapdeal is delivered to Lucknow.

(Case 2(b)ii will be eliminated here.)

Case 2(b)i

Boxes	Days	Places	E-commerce Websites
B5	Monday		Flipkart
B1	Monday	Delhi	Jabong
B4	Tuesday	Hyderabad	Amazon
B3	Wednesday	~~Mumbai~~	Alibaba
B6	Wednesday	Ludhiana	
B2	Thursday	Kanpur	Quikr
B7	Friday	Indore	Ebay
B8	Saturday	Lucknow	Snapdeal

Final Arrangement:

(B5 and B3 will be delivered to Mumbai and Ahmedabad respectively; and only one place left for Myntra i.e. Wednesday.)

Boxes	Days	Places	E-commerce Websites
B5	Monday	Mumbai	Flipkart
B1	Monday	Delhi	Jabong
B4	Tuesday	Hyderabad	Amazon
B3	Wednesday	Ahmedabad	Alibaba
B6	Wednesday	Ludhiana	Myntra
B2	Thursday	Kanpur	Quikr
B7	Friday	Indore	Ebay
B8	Saturday	Lucknow	Snapdeal

(Directions 48–50):

Day	Name
Friday	Sahil
Saturday	Akhil
Sunday	Mayank
Monday	Saket
Tuesday	Kanan
Wednesday	Pratik
Thursday	Apurva

48.Answer: b

49.Answer: b

50.Answer: d

Explanation:

1) Pratik attends seminar on Wednesday. Only two persons attend seminar between Mayank and Pratik.

2) Sahil attends seminar three days before Saket. Sahil does not attend seminar on Saturday. Saket does not attend seminar on the last day.

Days	Case-1
Friday	Sahil
Saturday	
Sunday	Mayank
Monday	Saket
Tuesday	
Wednesday	Pratik
Thursday	

3) Kanan attends seminar after Akhil. Kanan does not attend seminar on the last day.

Days	Case-1
Friday	Sahil
Saturday	Akhil
Sunday	Mayank
Monday	Saket
Tuesday	Kanan
Wednesday	Pratik
Thursday	Apurva

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Puzzle Year

Directions (1-5): Study the following information carefully and answer the below questions

Seven persons namely – Hari, Deep, Guru, Payal, Monty, Sonu and Rinku were born in different years starting from 1988 to 1994. Each person was also born in different days from Monday to Sunday. No two personswas born on either same day or same year. All the calculations are done from base year 2019.

Age of the one who was born on Friday is a multiple of 5. Two persons were born between the one who was born on Monday and Hari. The one who was born on Sunday was born in 1990. Guru was born in 1992 but was neither born on Tuesday nor Monday. Payal was neither born on Saturday nor born on Thursday. Guru and Monty were born in the adjacent years. The one who was born on Monday was born just after Rinku's birth year. Age of the one who was born on Wednesday is a prime and was born three years before Sonu. At least three persons were born between the one who Deep and the one who was born on Tuesday. Age of Hari is neither a prime number nor was born on Tuesday. Age of Deep is not an even number. The one who was born on Thursday was born in any year after the one who was born on Saturday.

1) Which of the combination of Name and Day is true?

a) Rinku – Sat

b) Payal – Wed

c) Hari – Sat

d) Sonu – Mon

e) Deep – Thu

2) Who was born just after the one who was born in Tuesday?

a) Hari

b) Payal

c) Deep

d) Guru

e) None of these

3) Which of the following statement is not true?

a) The one who was born on Saturday was born just after Sonu.

b) Payal was born two years before the one who was born on Tuesday.

c) Deep was born on Wednesday.

d) Monty was born on Thursday.

e) More than one statement is not true.

4) How many person was born after the one who was born on Thursday?

a) Two

b) One

c) More than three

d) Three

e) None

5) What is the age of Deep?

a) 27

b) 31

c) 28

d) 29

e) None of these

Direction (6-10): Study the following information carefully and answer the questions given below it.

Eight persons namely – P, Q, R, S, T, U, V and W were born in different years viz.- 1971, 1976, 1977, 1980, 1983, 1986, 1988 and 1992. Each person works in different company viz.- IG, NAL, DRDO, ISRO, BHEL, TCS, SBI and SAIL. All the information are not necessarily in the same order. (Take Base Year as 2019 for age calculation). Difference of the ages of the one who works in SAIL and U is a perfect square. P neither works in NAL nor works in IG. The one who works in BHEL is elder to U but not as much as the one who works in SAIL and the one who works in TCS. Neither V nor R works in SAIL. Number of persons born before the one who works in BHEL is same as the number of persons born after Q. At least three persons were born between P and the one who was born in DRDO. Two persons were born after the one who works in DRDO. Age of the one who works in SAIL is neither odd nor is eldest among all. The one who works in IG is neither eldest nor was born after the one who works in ISRO. Age of the one who works in TCS is a prime number. Q neither works in TCS nor was born in even year. The one who works in SBI is elder to S but not as much as the one who works in IG. V is younger to the one who works in NAL and T but not as much as W and the one who works in ISRO.

6) Who is eldest among all the below persons?

A.T

B.R

C.Q

D.P

E.None of these

7) The one who was born in 1977 works in which of the following company?

A. BHEL

B. TCS

C. SAIL

D. NAL

E. None of these

8) How many persons were younger to the one who works in IG?

A. 1

B. 4

C. 2

D. 3

E. 5

9) Which of the following order of the persons is correct as per their ages(in descending order)?

A. SVQPTR

B. PTQVUW

C. SUVQPR

D. RTVQWU

E. None of these

10) Which of the following combination is not true?

A. NAL – 1971 - R

B. SAIL – T – 1977

C. W – DRDO - 1988

D. Q – IG – 1983

E. S – 1992 - ISRO

(Directions 11-15): Study the following information carefully and answer the questions given below it.

Seven persons namely –A, B, C, D, E, F and G were born in different years with the base year is taken as 2018. None of them was born before 1950 and not after 2004. Each person likes different fruits viz. Mango, Apple, Banana, Orange, Grapes, Papaya and Cherry.

Note: If it is mentioned that a person's age is considered as the last two digits of another person's birth year, then it will be at any sequence. For example, if the age of 'P' is considered as last two digits of birth year of 'Q' which is 1975; then the age of 'P' might be either 75 or 57 years.

Age of C is 46 years and likes Cherry. A's age is equal to the last two digits of birth year of G. The difference between the age of C and E is 12 years. B's age is equal to the last two digits of birth year of E. F likes Orange. The difference between the ages of G and B is 6 years. Age of A is not less than 54 years. One who was born in 1978 likes Grapes. The difference between the ages of one who likes Orange and A is 28 years. One who likes Apple was born after the year 1972. B likes Mango. F and D were not born on adjacent years. Difference between the ages of one who likes Banana and one who likes Mango is 16 years.

11) What is the birth year of the one who likes Papaya?

A. 1954

B. 1984

C. 1982

D. 1958

E. None of these

12) Which of the following combination of birth year and fruit is true for A?

A.1954 – Papaya

B.1978 – Banana

C.1982 – Orange

D.1954 – Banana

E.1982 – Papaya

13) What is the age of the one who likes Orange?

A.32

B.48

C.36

D.46

E.None of these

14) which of the following is the sum of the ages of the one who likes orange and the one who likes apple?

A. 65

B. 78

C. 70

D. 62

E. 90

15)which of the following is the correct order of persons in descending order according to their ages?

A) A>B>D>C>F>G>E

B) A>G>B>C>D>F>E

C) B>D>E>C>A>G>F

D) D>E>C>A>B>F>G

E) C>D>E>F>A>B>G

(Directions 16-20): Study the following information carefully and answer the questions given below it.

Eight persons A, B, C, D, E, F, G and H are born in the same month in different years. Their ages are calculated with respect to the base year 2018. None of the person was born before 1952 and none of them was born after 2004. Not more than one person born in the same year. Each person likes different pet viz. Cat, Rat, Dog, Parrot, Deer, Duck, Pigeon and Horse. The one who likes animal was born in an even year and the one who likes bird was born in an odd year. All the information is not necessary to be in the same order.

Note: If it is mentioned that a person's age is considered as the last two digits of another person's birth year, then it will be at any sequence. For example, if the age of P is considered as last two digits of birth year of Q which is 1975; then the age of P might be either 57 or 75.

F was born in 1993 and likes Pigeon. The difference betweenthe ages of C and G is 21 years. The difference between the ages of D and F is 15 years. G neither likes Deer nor he likes Rat. The difference betweenthe ages of D and A, who likes Dog, is 14 years. C's age is equal to the last two digits of the birth year of A. The difference betweenthe agesof the one who likes Parrot and the one who likes Deer is 23 years. B neither likes Cat nor he was born after 1980. C likes bird but not a Parrot. H neither likes Rat nor he likes Parrot. The difference between the ages of the one who likes Cat and G is 12 years. B's age is equal to the last two digits of the birth year of the one who likes Cat. E was born in even year but neither likes Deer or Rat.

16) How many people were born between the one who likes Rat and G?

A.1

B.3

C.2

D.4

E.None

17) Which of the following pet is liked by the one who was born in 1968?

A.Horse

B.Deer

C.Cat

D.Rat

E.Can't be determined.

18) Which of the following year is the birth year of C?

A.1956

B.1964

C.1978

D.1989

E.None of these

19) four of the following five are alike in a certain way and forms a group. find the one who doesn't belongs to that group.

A. D

B. G

C. F

D. A

E. H

20) Find the pair which contains eldest and youngest persons respectively among all of them(considering eight persons).

A. F,A

B. B,F

C. C,F

D. D,E

E. A,B

Directions (21-25): Study the following information carefully and answer the below questions.

Eight persons namely – A, B, C, D, E, F, G and H are born in different years with the base year is taken as 2019. None of them are born after 2006 or before 1940. They work in different companies viz. IBM, Amazon, Dell, Google, HCL, Zomato, HCL and Yahoo. Each person also visits different cities viz. Lucknow, Pune, Delhi, Chennai, Ranchi, Shimla, Jaipur and Patna. All the information is not necessarily in the same order. No two person's age is same.

Note: If it is mentioned that a person's age is considered as the last two digits of another person's birth year, then it will be at any sequence. For example, if the age of X is considered as last two digits of birth year of Y which is 1984; then the age of X might be either 48 or 84.

B was born in 1964 and works in HCL. C's age is equal to the last two digits of the birth year of the one who visits Shimla and works in IBM. The one who works in Google also visits Delhi but not born after 1990. The difference betweenthe ages of the one who works in HCL and the one who visits Patna is 28 years. Age of the one who works in Dell is equal to the last two digits of the birth year of the one who works in IBM. G neither works in HP

nor visits Jaipur. D's age is equal to the last two digits of the birth year of the one who visits Patna and works in Yahoo. The one who visits Ranchi neither works in IBM nor Yahoo nor was born after 1975. A neither visits Patna nor works in Google. The difference betweenthe ages of the one who visits Chennai and H is 10 years. The difference betweenthe ages of the one who works in Yahoo and the one who visits Shimla is 14 years. The difference betweenthe ages of the one who works in Amazon and the one who visits Ranchi is 34 years. The one who works in Dell neither visits Shimla nor he was born before 1950. The difference betweenthe ages of the one who visits Pune and A is 12 years. The difference betweenthe ages of the one who works in Dell and the one who works in Google is 24 years. F was born before the one who works in Dell. The difference betweenthe ages of the one who visits Delhi and H is 28 years. The difference between the ages of the one who visits Lucknow and the one who works in Zomato is 48 years.

21) What is the birth year of the one who visits Lucknow?

A.1976

B.1990

C.1992

D.1994

E.None of these

22) Which of the following combination is true?

A.C – 1994 – IBM – Chennai

B.F – Patna – 1992 – Amazon

C.E – Jaipur – 1994 – Dell

D.G – 1970 – Delhi – HCL

E.All the above given statements are not true.

23) Who among the following works in Amazon?

A.A

B.F

C.D

D.G

24) which of the following statements is/are true regarding F.

A. F was born before 1990.

B. F is the second youngest person among them.

C. F is working in yahoo.

D. F visits neither patna nor chennai.

E. more than one statement is true.

25)who is the eldest person among all.

A. H

B. A

C. F

D. B

E. G

Direction (26-30): Study the following information carefully and answer the given questions.

There are eight persons A, B, C, D, P, Q, R and S born in different years viz., 1956, 1962, 1970, 1977, 1985, 1990, 1995 and 2001 but not necessarily in the same order. They are working in different cities namely Bangalore, Chennai, Delhi, Hyderabad, Kochi, Lucknow, Mumbai and Pune but not necessarily in the same order.

Calculations are done with respect to the year 2018 and assuming months and date to be the same.

There are only two persons born between the one who is working in Bangalore and A, who does not work in Pune. The age of S is three times the age difference between the one who is working in Mumbai and B. C is not elder than the one, who is working in Delhi. There is only one person born between the one who is working in Pune and Q, whose age is a prime number. Not more than two and less than one person born between R and the one who is working in Lucknow. P is born in one of the odd numbered year and do not work in Bangalore and Kochi. A's age is a multiple of four and does not born after 1980. As many persons born between D and the one who is working in Pune is same as the persons born between Q and the one who is working in Chennai. C is five years younger than B. P's age is a prime number and born immediately before the one who is working in Mumbai. Sum of the ages of P and Q is equal to the perfect square of a number. The one who is working in Lucknow born in an even numbered year and the one who is working in Delhi born in an odd numbered year.

26) Who among the following person(s) born between B and the one who is working in Mumbai?

a) C

b) The one who born in 2001

c) The one who is working in Hyderabad

d) The one whose age is 48

e) Both a) and c)

27) What is the total age of both A and the one who is working in Delhi?

a) 118 years

b) 97 years

c) 89 years

d) 74 years

e) 51 years

28) Four of the following are alike in a certain way and thus form a group. Which of the following one who does not belongs to the group?

a) B

b) Q

c) P

d) S

e) D

29) Who among the following is working in Bangalore?

a) The one whose age is 48

b) D

c) The one who born in 1985

d) The one who born immediately after C

e) None of these

30) What is the age of the person who is working in Hyderabad?

a) 48 years

b) 33 years

c) 23 years

d) 56 years

e) None of these

Direction (31-35): Study the following information carefully and answer the questions given below:

Eight persons were born in different years 1975, 1979, 1982, 1986, 1991, 1995, 1997 and 2001. Ages were calculated as with the based year of 2019. Each one of them are indifferent weight (in kg) 21, 38, 39, 40, 42, 48, 51 and 56 but not necessarily in the same order.

D was born in an even numbered year. Two persons were born between C and P, who was born after C. As many persons born before P is same as the persons born after B, who was born immediately before the one whose weight is 38kg. P's weight is not 38kg. D's weight is anodd number. R's weight is twice of B's weight. Three persons were born between Q and the one who is the heaviest. Three persons were born between D and the one whose weight is 48kg. R was born after Q. A was born before R. The one who is second heaviest was born immediately before E. Difference between A and D's weight is at least 2 kg.

31) If C is related to 1982, P is related to 1995, in the same way, E is related to which of the following?

A.1991

B.1986

C.1997

D.2001

E.None of these

32) What is the age difference between A and P (in years)?

A.8

B.10

C.12

D.11

E.None of these

33) How many persons were born between R and P?

A.No one

B.2

C.3

D.1

E.None of these

34) How many persons weight is more than A?

A. No one

B. 2

C. 1

D. 3

E. 4

35) which among the following is the sum of the weights of C and the one who was born in 1986?

A. 106

B. 91

C. 90

D. 72

E. 93

Directions (36-40): Study the following information carefully and answer the questions given below

Eight persons S, L, M, O, P, Q, R and N were born in eight different years 1972, 1981, 1992, 1999, 1995, 1986, 1976 and 1969. Each one of them likes different fruit Apple, Avocado, Mango, Jackfruit, Banana, Orange, Kiwi and

Pineapple. All the above information is not necessarily in the same order.

Note: All these persons were born in the same month on same date. Ages were calculated as of 2019.

Q was neither youngest nor eldest. Three persons were born between Q and the one who likes Jackfruit. Age difference between S and L is 3 years. S is elder than L. Two persons were born between N and the one who likes Banana. Only one person was born between L and the one who likes Mango. Q's age is even number. Three persons were born between R and the one who likes Apple. N was born immediately after(considering the given years only) the one who likes Apple. P does not like Banana. As many persons were born before the one who likes Mango is same as many persons were born after P. Age difference between O and the one who likes Kiwi is 4 years. The one who likes Pineapple was born immediately after(considering the given years only) M. O does not like Avocado.

36) How many persons were born between O and the one who likes pineapple?

A.None

B.1

C.2

D.3

E.None of these

37) Which of the following is true?

A.P was born after the one who likes orange

B.Age difference between Q and P is 5 years

C.The one who likes Jackfruit was born immediately before L

D.More than two persons were born between M and the one who likes Kiwi

E.Q was born immediately after (considering the given years only) the one who likes Banana

38) If N is related to Pineapple, P is related to Kiwi, in the same way which of the following is related to Banana?

A.L

B.M

C.R

D.Q

E.None of these

39) Four of the following five are alike in a certain way and forms a group. Find the one which doesn't belongs to that group.

A. L

B. N

C. P

D. R

E. M

40) which of the following is the sum of the ages of the one who was born immediately before(considering the given years only) **N and the one who likes banana?**

A. 75

B. 74

C. 78

D. 76

E. 72

Direction: (41-45) Study the following information carefully and answer the below questions:

Eight persons namely- Amit, Ajay, Arpit, Akash, Aruna, Avni, Aishwarya and Anuja were born in different years with the current base year as 2020. Each persons like different colours viz. Yellow Orange, Red, Green, Black, Blue, Grey and White.

None of them was born before 1952 and not after 2006.

Note: If it is mentioned that a person's age is considered as the last two digits of another person's birth year, then it will be at any sequence. For example, if the age of X is considered as the last two digits of birth year of Y which is 1985, then the age of X might be either 85 or 58 years. (If mentioned, then only this condition applies.)

There is a difference of 10 years between the one who was born in 1978 and the one who likes White. Age of Arpit is 48 years and likes Red colour. Amit's age is related to the last two digits of the birth year of Aishwarya. There is a difference of 12 years between Arpit and Aruna. Ajay's age is obtained from the birth year of Aruna. Avni likes Blue colour. There is a difference of 6 years between the ages of Aishwarya and Ajay. Age of Amit is not less than 56 years. One who was born in 1978 likes Green colour. The difference of the ages of the one who likes Blue colour and Amit is 28 years. One who likes Black colour was born after 1972. Ajay likes Orange colour. Difference of the ages of the one who likes Orange colour and the one who likes Yellow colour is 18 years. Anuja neither likes Green nor Grey colour and she was not born after 1970. There is a pair of two persons whose birth year and age are same.

41) What is the birth year of the one who likes the Grey colour?
a) 1954
b) 1984
c) 1982
d) 1972
e) None of these

42) Which of the following combination of birth year and colour is true for Ajay?
a) 1954- Yellow
b) 1972- Black
c) 1982- Blue
d) 1972- Orange
e) 1982- Grey

43) Which of the following person likes Black and has birth year as 1984?
 I) The person who is 36 years old.
 II) Aishwarya
 III) Aruna
a)   Only II
b)   Only I
c)   Only III
d)   Both I and III
e)   Both II and III

44) What was the age of Avni 13 years ago?
a)   20 years old

b) 22 years old

c) 29 years old

d) 15 years old

e) 25 years old

45) Combination of which of the following pairs has the minimum age when summed up together?

a) Amit and Ajay

b) Arpit and the one who likes Orange colour.

c) The one who was born in year 1984 and the one who likes Blue colour.

d) Aishwarya and the one who likes White colour.

e) Akash and the one who was born in year 1954.

Direction: (46-50) Study the following information carefully and answer the below questions

Top 9 richest persons in the world all are born in different years. Their ages are calculated with respect to 2020. They all are fond of costliest cars in the world and those cars are Rolls Royce Sweptail, Mercedes Benz Maybach, Bugatti Divo, KoenigseggCCXR Trevita, Lamborghini Veneno Roadster, McLaren P1 LM, LykanHypersport, Bugatti Veyron by MansoryVivere and Aston Martin Valkyrie but not necessarily in the same order.

None of them was born before 1936.

Note: If it is mentioned that a person's age is considered as the last two digits of another person's birth year, then it will be at any sequence. For example, if the age of X is considered as the last two digits of birth year of Y which is 1985, then the age of X might be either 85 or 58 years. (If mentioned then only this condition applies.)

Jim's age is an odd number but not a prime number. Jeff is 59 years old. The age of the one who likes Lamborghini Veneno Roadster is obtained by the birth year of Jeff. There is a difference of 20 years between the age of Bernard and the person who likes Lamborghini Veneno Roadster and Bernard's age is an even number. Jim doesn't like McLaren P1 LM. The age of the one who likes LykanHypersport is derived by the birth year of Bernard. Larry likes Aston Martin Valkyrie. One of the person was born in 1973 and that person is not Mark, Larry and Jim. The age of Bill and Warren is an even number. The one who likes Bugatti Divo is 6 years younger than Amancio. Bill doesn't likesLykanHypersport. The age of Alice is obtained by the birth year of Jim. The sum of the ages of the one who likes Bugatti Veyron by MansoryVivere and the one who likes LykanHypersport is equal to the Larry's present age. The one who likes Bugatti Veyron by MansoryVivere was born in an even numbered year. The one who likes Mercedes Benz Maybach is elder than the one who likes Rolls Royce Sweptail and these two persons are not Alice and Jim. The age of Jim is derived by the birth year of Warren.

46) What is the age of the one who likes Bugatti Veyron by MansoryVivere and the one who likes Rolls Royce Sweptail respectively?

a) 36,48

b) 48,84

c) 59,16

d) None of these

e) 36,47

47) Which of the following statement is/are true?

a) Bill is 59 years old.

b) None of the given statement is true

c) The one who was born in 1972 likes LykanHypersport.

d) Jim was born in the year 2005.

e) Alice was born in the year 1972.

48) Which of the following statement is/are true?

I) Three persons were born between Bill and the one who likes Bugatti Divo.

II) The number of persons born after the one who likes Bugatti Veyron by MansoryVivere is one more than the number of persons born before the one who likes Mercedes Benz Maybach.

III) The difference between the ages of Bernard and Warren is same as the difference between the ages of Amancio and Jeff.

a) Only I

b) Only II and III

c) All I, II and III

d) Only I and II

e) Only I and III

49) What is the sum of the ages of the eldest and the youngest person?

a) 100 years

b) 101 years

c) 102 years

d) 103 years

e) 104 years

50) What is the difference between the ages of the one who likes Aston Martin Valkyrie and the one who was born in the year of 1961?

a) 25 years

b) 36 years

c) 16 years

d) 09 years

e) None of these

Puzzle Year - Answer and Explanation

Directions (1-5):

Case (1b)		
Name	Year	Day
Deep	1988	Wed
Payal	1989	Fri
Rinku	1990	Sun
Sonu	1991	Mon
Guru	1992	Sat
Monty	1993	Tue
Hari	1994	Thu

We have:

- Guru was born in 1992 but was neither born on Tuesday nor on Monday.
- The one who was born on Sunday was born in 1990.
- Guru and Monty were born in adjacent years.
  That means, in case (1) Monty was born in 1993, in case (2) Monty was born in 1991.
- Age of the one who was born on Friday is multiple of 5.

Since, only such birth year is 1989 and 1994, thus in case (1a) & case (2a) the one who was born on Friday was born in 1994, in case (1b) & case (2b) the one who was born on Friday was born in 1989.

Based on above given information we have:

Case (1a)			Case (1b)			Case (2a)			Case (2b)		
	1988			1988			1988			1988	
	1989			1989	Fri		1989			1989	Fri
	1990	Sun		1990	Sun		1990	Sun		1990	Sun
	1991			1991		Monty	1991		Monty	1991	
Guru	1992		Guru	1992		Guru	1992		Guru	1992	
Monty	1993		Monty	1993			1993			1993	
	1994	Fri		1994			1994	Fri		1994	

Again, we have:

- Age of the one who was born on Wednesday is prime and was born three years before Sonu.

That means, in case (1a) & case (1b) Sonu was born in 1991, case (2a) & case (2b) are not valid.

- Two persons were born between the one who was born on Monday and Hari.
- The one who was born on Monday was born just after Rinku's birth year.
- Age of Hari is neither prime number nor was born on Tuesday.

That means, in case (1a) & case (1b) Rinku was born in 1990.

- At least three persons were born between Deep and the one who was born on Tuesday.
- Age of Deep is not an even number.

Since, neither Hari nor Guru was born on Tuesday, thus in case (1a)& case (1b) Monty was born on Tuesday and Deep was born in 1988.

Based on above given information we have:

Case (1a)			Case (1b)			Case (2a)			Case (2b)		
Name	Year	Day	Name	Year	Day	Name	Year	Day	Name	Year	Day
Deep	1988	Wed	Deep	1988	Wed		1988			1988	
	1989			1989	Fri		1989			1989	Fri
Rinku	1990	Sun	Rinku	1990	Sun		1990	Sun		1990	Sun
Sonu	1991	Mon	Sonu	1991	Mon	Monty	1991		Monty	1991	
Guru	1992		Guru	1992		Guru	1992		Guru	1992	
Monty	1993	Tue	Monty	1993	Tue		1993			1993	
Hari	1994	Fri	Hari	1994			1994	Fri		1994	

Case (2a) & case (2b) Age of the one who was born on Wednesday is prime and was born three years before Sonu.

Again, we have:

- Payal was neither born on Saturday nor was born on Thursday.
- The one who was born on Thursday was born in any year after the one who was born on Saturday.

That means, in case (1b) Hari was born on Thursday and case (1a) is not valid.

Based on above given information we have final arrangement as follows:

Case (1a)			Case (1b)		
Name	Year	Day	Name	Year	Day
Deep	1988	Wed	Deep	1988	Wed
Payal	1989		Payal	1989	Fri
Rinku	1990	Sun	Rinku	1990	Sun
Sonu	1991	Mon	Sonu	1991	Mon
Guru	1992		Guru	1992	Sat
Monty	1993	Tue	Monty	1993	Tue
Hari	1994	Fri	Hari	1994	Thu

Case (1a) is not valid as the one who was born on Thursday was born in any year after the one who was born on Saturday.

1) Answer: D

Clearly, only combination D is correct.

Hence, option D is correct choice.

2) Answer: A

Explanation:

Clearly, Hari was born just after the one who was born on Tuesday.

Hence, option A is correct choice.

3) Answer: E

Clearly, both statement B and D are not true.

Hence, option E is correct choice.

4) Answer: E

Clearly, no person was born after the one who was born on Thursday.

Hence, option E is correct choice.

5) Answer: B

Clearly, age of Deep is 31 years.

Hence, option B is correct choice.

Direction (6-10):

Explanation

Case (1a)

Name	Company	Year
R	NAL	1971
P	TCS	1976
T	SAIL	1977
V	BHEL	1980
Q	IG	1983
U	DRDO	1986
W	SBI	1988
S	ISRO	1992

We have:

- Two persons were born after the one who works in DRDO.
- At least three persons were born between P and the one who was born in DRDO.
- P neither works in NAL nor works in IG.

That means, in case (1) P was born in 1976, in case (2) P was born in 1971.

- Difference of the ages of the one who works in SAIL and U is perfect square.
- Age of the one who works in SAIL is neither odd nor is eldest among all.

Thus, only possible such combinations are (42, 33) & (36, 27).

That means, in case (1a) & case (2a) the one who works in SAIL was born in 1977, in case (1b) & case (2b) the one who works in SAIL was born in 1983.

Based on above given information we have:

Case (1a)			Case (1b)			Case (2a)			Case (2b)		
Name	Company	Year	Name	Company	Year	Name	Company	Year	Name	Company	Year
		1971			1971	P		1971	P		1971
P		1976	P		1976			1976			1976
	SAIL	1977			1977		SAIL	1977			1977
		1980			1980			1980			1980
		1983		SAIL	1983			1983		SAIL	1983
U	DRDO	1986		DRDO	1986	U	DRDO	1986		DRDO	1986
		1988			1988			1988			1988
		1992	U		1992			1992	U		1992

Again, we have:

- The one who works in BHEL is elder to U but not as much as the one who works in SAIL and the one who works in TCS.

SAIL, TCS > BHEL > U

- Age of the one who works in TCS is prime number.

That means, the one who works in TCS was born in 1976.

- Number of persons born before the one who works in BHEL is same as number of persons born after Q.
- Q neither works in TCS nor was born in even year.

That means, in case (1a) & case (2a) Q was born in 1983, case (1b) & case (2b) are not valid.

Based on above given information we have:

Case (1a)			Case (1b)			Case (2a)			Case (2b)		
Name	Company	Year	Name	Company	Year	Name	Company	Year	Name	Company	Year
		1971			1971	P		1971	P		1971
P	TCS	1976	P	TCS	1976		TCS	1976	Q	TCS	1976
	SAIL	1977			1977		SAIL	1977			1977
	BHEL	1980			1980		BHEL	1980			1980
Q		1983		SAIL	1983	Q		1983		SAIL	1983
U	DRDO	1986		DRDO	1986	U	DRDO	1986		DRDO	1986
		1988		BHEL	1988			1988		BHEL	1988
		1992	U		1992			1992	U		1992

Case (1b) is not valid as number of persons born before the one who works in BHEL is same as number of persons born after Q, case (2b) is not valid as Q doesn't works in TCS.

Again, we have:

- The one who works in SBI is elder to S but not as much as the one who works in IG.

IG > SBI > S

- The one who works in IG is neither eldest nor was born after the one who works in ISRO.

That means, the one who works in IG was born in 1983 and S is youngest among all.

- Neither V nor R works in SAIL.

- V is younger to the one who works in NAL and T but not as much as W and the one who works in ISRO.

NAL, T > V > W, ISRO.

Since, P doesn't works in NAL, thus case (2a) is not valid. That means, in case (1a) R works in NAL and is eldest among all.

Based on above given information we have final arrangements as follows:

| Case (1a) | | | Case (2a) | | |
Name	Company	Year	Name	Company	Year
R	NAL	1971	P	NAL	1971
P	TCS	1976	R	TCS	1976
T	SAIL	1977	T	SAIL	1977
V	BHEL	1980	V	BHEL	1980
Q	IG	1983	Q	IG	1983
U	DRDO	1986	U	DRDO	1986
W	SBI	1988	W	SBI	1988
S	ISRO	1992	S	ISRO	1992

Case (2a) is not valid as P doesn't works in NAL.

6) Answer: B

Clearly, R is eldest among all.

Hence, option B is correct choice.

7) Answer: C

Clearly, the one who works in SAIL was born in 1977.

Hence, option C is correct choice

8) Answer: D

Clearly, three persons were born after the one works in IG.

Hence, option D is correct choice.

9) Answer: E

Clearly, none of the order is correct.

Hence, option E is correct choice.

10) Answer: C

Clearly, only combination C is not true.

Hence, option C is correct choice.

(Directions 11-15):

| Case (1a) | | | |
Name	Year	Age	Fruit
A	1954	64	Banana
B	1970	48	Mango
C	1972	46	Cherry
D	1978	40	Grapes
E	1984	34	Apple
F	1982	36	Orange
G	1964	54	Papaya

We have:

- Age of C is 46 years and likes Cherry, that means C was born in 1972.

- The difference between the ages of C and E is 12 years, that means we have two possible years for