

SBI Clerk/ RBI Assist. Mains – Reasoning

E, in case (1) E was born in 1984, in case (2) E was born in 1960.

- B's age is equal to the last two digits of birth year of E, that means in case (1) age of B must be either 48 or 84 years but 84 is not valid as no person was born before 1950 thus as B was born in 1970, in case (2) age of B must be either 06 or 60 years but 06 is not valid as no person was born after 2004 thus as B was born in 1958 and B likes Mango.

Based on above given information we have:

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Case (1)				Case (2)			
Name	Year	Age	Fruit	Name	Year	Age	Fruit
A				A			
B	1970	48	Mango	B	1958	60	Mango
C	1972	46	Cherry	C	1972	46	Cherry
D				D			
E	1984	34		E	1960	58	
F				F			
G				G			

Again, we have:

- The difference between the ages of G and B is 6 years, that means we have four possible birth years for G, in case (1a) G was born in 1964, in case (1b) G was born in 1976, in case (2a) G was born in 1952, in case (2b) G was born in 1964.

- A's age is equal to the last two digits of birth year of G, that means in case (1a) & case (2b) possible age of A is either 64 or 46 years, as C was born in 1972 thus A must be born in 1954, in case (1b) possible age of A is either 67 or 76 years, as no person was born before 1950 thus A must be born in 1951, in case (2a) possible age of A is either 52 or 25 years, as A was not born after 1964 (Age of A is not less than 54 years.), that means case (2a) is not valid.

Based on above given information we have:

Case (1a)				Case (2a)				Case (1b)				Case (2b)			
Name	Year	Age	Fruit	Name	Year	Age	Fruit	Name	Year	Age	Fruit	Name	Year	Age	Fruit
A	1954	64		A	1958	60	Mango	A	1951	67		A	1954	64	
B	1970	48	Mango	B	1958	60	Mango	B	1970	48	Mango	B	1958	60	Mango
C	1972	46	Cherry	C	1972	46	Cherry	C	1972	46	Cherry	C	1972	46	Cherry
D				D				D				D			
E	1984	34		E	1960	58		E	1984	34		E	1960	58	
F				F				F				F			
G	1964	54		G	1952	66		G	1976	42		G	1964	54	

Case (2a) is not valid as A was not born after 1965.

Again, we have:

- The difference between the ages of one who likes Orange and A is 28 years and F likes Orange, that means in case (1a) & (2b) F must be born in 1982, in case (1b) F must be born in 1979.
- One who was born in 1978 likes Grapes, that means D was born in 1978.
- As F and D was not born on adjacent years, that means case (1b) is not valid.
- Difference between the ages of one who likes Banana and one who likes Mango is 16 years, that

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means in case (1a) A must likes Banana and B was born in 1970, case (2b) is not valid.

- One who likes Apple was born after 1972, that means E must likes Apple.

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

Case (1a)				Case (1b)				Case (2b)			
Name	Year	Age	Fruit	Name	Year	Age	Fruit	Name	Year	Age	Fruit
A	1954	64	Banana	A	1951	67		A	1954	64	
B	1970	48	Mango	B	1970	48	Mango	B	1958	60	Mango
C	1972	46	Cherry	C	1972	46	Cherry	C	1972	46	Cherry
D	1978	40	Grapes	D	1978	40	Grapes	D	1978	40	Grapes
E	1984	34	Apple	E	1984	34		E	1960	58	
F	1982	36	Orange	F	1979	39	Orange	F	1982	36	Orange
G	1964	54	Papaya	G	1976	42		G	1964	54	

Case (1b) is not valid as F and D was not born on adjacent years and case (2b) is not valid as Difference of the ages of one who likes Banana and one who likes Mango is 16 years.

11) Answer: E

Clearly, the one who likes Papaya was born in 1964.

Hence, option E is correct choice.

12) Answer: D

Clearly, A was born in 1954 and likes Banana.

Hence, option D is correct choice.

13) Answer: C

Clearly, age of the one who likes Orange is 36 years.

Hence, option C is correct choice.

14) Answer: C

Clearly, the sum of the ages of the one who likes orange and the one who likes apple = $36+34=70$

Hence, option C is correct choice.

15) Answer: B

Clearly, the correct order of persons in descending order according to their ages is $A>G>B>C>D>F>E$

Hence , option B is correct choice.

(Directions 16–20):

Name	Year	Age	Pet
A	1992	26	Dog
B	1953	65	Parrot
C	1989	29	Duck
D	1978	40	Rat
E	1956	62	Cat
F	1993	25	Pigeon
G	1968	50	Horse
H	1976	42	Deer

We have:

- F was born in 1993 and likes Pigeon.
- The difference between the ages of D and F is 15 years, that means D must born in 1978, as no person was born after 2004.
- The difference between the ages of D and A, who likes Dog, is 14 years, that means there are two possible ages for A, i.e in case (1) A was born in 1964 and in case (2) A was born in 1992.
- C's age is equal to the last two digits of the birth year of A, that means in case (1) possible age of C is either 46 or 64 years and in case (2) possible age of C is either 29 or 92 years. As, C likes bird but not a Parrot, that means birth year of C must be odd, that means case (1) is not valid and as no

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person was born before 1955, that means in case (2) age of C is 29 years.

- As F likes Pigeon and C doesn't like Parrot, that means C must likes Duck.

Based on above given information we have:

Case (1)				Case (2)			
Name	Year	Age	Pet	Name	Year	Age	Pet
A	1964	54	Dog	A	1992	26	Dog
B				B			
C				C	1989	29	Duck
D	1978	40		D	1978	40	
E				E			
F	1993	25	Pigeon	F	1993	25	Pigeon
G				G			
H				H			

Case (1) is not valid as C likes bird which is not possible from last two digits of the A's birth year.

Again, we have:

- The difference between the ages of C and G is 21 years.
- G neither likes Deer nor he likes Rat, as no person was born after 2004, that means G was born in 1968.
- The difference between the ages of the one who likes Cat and G is 12 years, that means we have two possible birth years for the one who likes Cat, in case (2a) one who likes Cat was born in 1956, in case (2b) one who likes Cat was born in 1980.
- As, G neither likes Deer nor likes Rat, thus only possible pet liked by G is Horse, birth year of G is even.

- E was born in even year but neither likes Deer or Rat, , that means E must likes Cat.
- B doesn't like Cat nor he was born after 1980
- H neither likes Rat nor he likes Parrot
- As, the one who likes Parrot was born in an odd year, that means B must like Parrot. B's age is equal to the last two digits of the birth year of the one who likes Cat, that means in case (2a) possible age of B is 80 or 08 , but both of these values are not valid because none of the person was born before 1952 and none of them was born after 2004. In case (2b) possible age of B is 56 or 65 year, as B likes Parrot that means B must born in odd year, thus B was born in 1953.

- Based on above given information we have:

Case (2a)				Case (2b)			
Name	Year	Age	Pet	Name	Year	Age	Pet
A	1992	26	Dog	A	1992	26	Dog
B				B			Parrot
C	1989	29	Duck	C	1989	29	Duck
D	1978	40		D	1978	40	Rat
E	1980	38	Cat	E	1956	62	Cat
F	1993	25	Pigeon	F	1993	25	Pigeon
G	1968	50	Horse	G	1968	50	Horse
H			Deer	H			Deer

Case (2a) is not valid as B's age is equal to the last two digits of the birth year of the one who likes Cat

Again, we have:

- The difference in the ages of the one who likes Parrot and the one who likes Deer is 23 years, that means the one who likes Deer was born in 1976.

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

Name	Year	Age	Pet
A	1992	26	Dog
B	1953	65	Parrot
C	1989	29	Duck
D	1978	40	Rat
E	1956	62	Cat
F	1993	25	Pigeon
G	1968	50	Horse
H	1976	42	Deer

16) Answer: A

Clearly, one person was born between the one who likes Rat and G.

Hence, option A is correct choice.

17) Answer: A

Clearly, the one who was born in 1968 likes Horse.

Hence, option A is correct choice.

18) Answer: D

Clearly, C was born in 1989.

Hence, option D is correct choice.

19) Answer: C

Clearly, only F was born in odd year remaining all were born in even years.

Hence, option C is correct choice.

20) Answer: B

Clearly, B and F were eldest and youngest persons respectively among all .

Hence, option B is correct choice.

Directions (21-25):

Case (1b)			
Name	Year	Company	City
B	1964	HCL	Pune
F	1992	HP	Patna
D	1990	Yahoo	Lucknow
A	1976	Amazon	Shimla
C	1952	IBM	Chennai
E	1994	Dell	Jaipur
G	1970	Google	Delhi
H	1942	Zomato	Ranchi

We have:

- No two person's age is same
- B was born in 1964 and works in HCL.
- The difference between the ages of the one who works in HCL and the one who visits Patna is 28 years, as none of the person was born before 1940, that means, the one who visits Patna was born in 1992.
- D's age is equal to the last two digits of the birth year of the one who visits Patna and works in Yahoo, age of D might be either 92 years or 29 years, but none of the person was born before 1940, that means D must born in 1990.
- The difference between the ages of the one who works in Yahoo and the one who visits Shimla is 14 years, that means we have two possible birth years for the one who visits Shimla, in case (1) the one who visits Shimla was born in 1976, in case (2) the one who visits Shimla was born in 2004.

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- C's age is equal to the last two digits of the birth year of the one who visits Shimla and works in IBM, that means we have three possible birth years for C, in case (1a) C was born in 1943, in case (1b) C was born in 1952, in case (2) C was born in 1979.

Based on above given information we have:

Case (1a)				Case (1b)				Case (2)			
Name	Year	Company	City	Name	Year	Company	City	Name	Year	Company	City
B	1964	HCL		B	1964	HCL		B	1964	HCL	
	1992		Patna		1992		Patna		1992		Patna
D	1990	Yahoo		D	1990	Yahoo		D	1990	Yahoo	
	1976		Shimla		1976		Shimla		2004		Shimla
C	1943	IBM		C	1952	IBM		C	1979	IBM	

Again, we have:

- 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.
- The one who works in Dell neither visits Shimla nor he was born before 1950, that means in case (1a) the one who works in Dell was born in 1985, in case (1b) the one who works in Dell was born in 1994, in case (1c) the one who works in Dell was born in 1967, in case (2) the one who works in Dell was born in 1940, as The one who works in Dell neither visits Shimla nor he was born before 1950 hence case 2 is not valid.
- The one who works in Google also visits Delhi but not born after 1990.
- The difference between the ages of the one who works in Dell and the one who works in Google is 24 years, that means in case (1a) the one who

works in Google was born in 1961, in case (1b) the one who works in Google was born in 1970, in case (1c) the one who works in Google was born in 1943

- Based on above given information we have:

Case (1a)				Case (1b)				Case (1c)				Case (2)			
Name	Year	Company	City	Name	Year	Company	City	Name	Year	Company	City	Name	Year	Company	City
B	1964	HCL		B	1964	HCL		B	1964	HCL		B	1964	HCL	
	1992		Patna		1992		Patna		1992		Patna		1992		Patna
D	1990	Yahoo		D	1990	Yahoo		D	1990	Yahoo		D	1990	Yahoo	
	1976		Shimla		1976		Shimla		1976		Shimla		2004		Shimla
C	1943	IBM		C	1952	IBM		C	1952	IBM		C	1979	IBM	
	1985	Dell			1994	Dell			1967	Dell			1940	Dell	
	1961	Google	Delhi		1970	Google	Delhi		1943	Google	Delhi				

Again, we have:

- The difference between the ages of the one who visits Delhi and H is 28 years.
- The difference between the ages of the one who visits Chennai and H is 10 years, that means in case (1b) H was born in 1942 and C visits Chennai and case (1a), case (1c) are not valid.
- The one who visits Ranchi neither works in IBM nor Yahoo nor was born after 1975.
- The difference in the ages of the one who works in Amazon and the one who visits Ranchi is 34 years, which means H must visits Ranchi and the one who was born in the year 1976 works in Amazon.

Based on above given information we have:

Case (1a)				Case (1b)				Case (1c)			
Name	Year	Company	City	Name	Year	Company	City	Name	Year	Company	City
B	1964	HCL		B	1964	HCL		B	1964	HCL	
	1992		Patna		1992		Patna		1992		Patna
D	1990	Yahoo		D	1990	Yahoo		D	1990	Yahoo	
	1976		Shimla		1976	Amazon	Shimla		1976		Shimla
C	1943	IBM		C	1952	IBM	Chennai	C	1952	IBM	
	1985	Dell			1994	Dell			1967	Dell	
	1961	Google	Delhi		1970	Google	Delhi		1943	Google	Delhi
H	1989			H	1942		Ranchi	H	1971		

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Case (1a), case (1c) are not valid as the difference of the ages of the one who visits Chennai and H is 10 years.

Again, we have:

- A neither visits Patna nor works in Google.
- The difference in the ages of the one who visits Pune and A is 12 years, that means B visits Pune and A visits Shimla.
- The difference between the ages of the one who visits Lucknow and the one who works in Zomato is 48 years, which means D visits Lucknow and H works in Zomato.
- G neither works in HP nor visits Jaipur, which means G was born in 1970.
- F was born before the one who works in Dell, which means F works in HP.

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

Case (1b)			
Name	Year	Company	City
B	1964	HCL	Pune
F	1992	HP	Patna
D	1990	Yahoo	Lucknow
A	1976	Amazon	Shimla
C	1952	IBM	Chennai
E	1994	Dell	Jaipur
G	1970	Google	Delhi
H	1942	Zomato	Ranchi

21) Answer: B

Clearly, the one who visits Lucknow was born in 1990.

Hence, option B is correct choice.

22) Answer: C

Clearly, “E – Jaipur – 1994 – Dell” is true.

Hence, option C is correct choice.

23) Answer: A

Clearly, A works in Amazon

Hence, option A is correct choice.

24) Answer: B

Clearly ,F is the second youngest person among them.

Hence, option B is the correct choice.

25) Answer: A

Clearly, H is the eldest person among all of them

Hence, option A is the correct choice.

Direction (26-30):

Year(Age)	Case-1	
1956(62)	R	Kochi
1962(56)	A	Chennai
1970(48)	S	Lucknow
1977(41)	Q	Delhi
1985(33)	B	Bangalore
1990(28)	C	Pune
1995(23)	P	Hyderabad
2001(17)	D	Mumbai

- There is only one person born between the one who is working in Pune and Q, whose age is prime number.

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Year(Age)	Case-1		Case-2		Case-3		Case-4	
1956(62)								
1962(56)				Pune				
1970(48)								
1977(41)	Q		Q					
1985(33)						Pune		
1990(28)		Pune						Pune
1995(23)					Q			
2001(17)							Q	

- There are only two persons born between the one who is working in Bangalore and A, who does not working in Pune.
- A's age is multiple of four and does not born after 1980.
- P's age is prime number and born immediately before the one who is working in Mumbai.
- So, Case-3 will be dropped.

Year(Age)	Case-1		Case-2		Case-3		Case-4	
1956(62)								
1962(56)	A			Pune			A	
1970(48)			A		A			
1977(41)	Q		Q					
1985(33)		Bangalore				Pune		Bangalore
1990(28)		Pune		Bangalore		Bangalore		Pune
1995(23)	P		P		Q		P	
2001(17)		Mumbai		Mumbai			Q	Mumbai

- Sum of the ages of P and Q is equal to perfect square of a number.
- So, Case-4 will be dropped.

Year(Age)	Case-1		Case-2		Case-4	
1956(62)						
1962(56)	A			Pune	A	
1970(48)			A			
1977(41)	Q		Q			
1985(33)		Bangalore				Bangalore
1990(28)		Pune		Bangalore		Pune
1995(23)	P		P		P	
2001(17)		Mumbai		Mumbai	Q	Mumbai

- C is five years younger than B ($C=B-5$). So, C's age is definitely 28 and B's age is 33.
- The age of S is three times the age difference between the one who is working in Mumbai and B. ($S=3(\text{Mumbai} \sim B)$). So, age of S is definitely 48.
- Case-2 will be dropped.

Year(Age)	Case-1		Case-2	
1956(62)				
1962(56)	A			Pune
1970(48)	S		A	
1977(41)	Q		Q	
1985(33)	B	Bangalore	B	
1990(28)	C	Pune	C	Bangalore
1995(23)	P		P	
2001(17)		Mumbai		Mumbai

- As many persons born between D and the one who is working in Pune is same as the persons

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born between Q and the one who is working in Chennai. C is not elder than the person who is working in Delhi.

- 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 years and do not work in Bangalore and Kochi.
- The one who is working in Lucknow born in even numbered year and the one who is working in Delhi born in odd numbered year.
- So the final arrangement is,

Year(Age)	Case-1	
1956(62)	R	Kochi
1962(56)	A	Chennai
1970(48)	S	Lucknow
1977(41)	Q	Delhi
1985(33)	B	Bangalore
1990(28)	C	Pune
1995(23)	P	Hyderabad
2001(17)	D	Mumbai

26. Answer: e)

Clearly both a and c statements are correct

Hence ,option e is the correct choice.

27. Answer: b)

Clearly, the total age of both A and the one who is working in Delhi 97 years.

Hence, option b is correct choice.

28. Answer: d)

Clearly, only S was born in even numbered year.

Hence, option d is the correct choice.

29. Answer: c)

Clearly, The one who born in 1985 is working in bangalore.

Hence , option c is the correct choice.

30. Answer: c)

Clearly, the age of the person who is working in Hyderabad is 23 years.

Hence , option c is the correct choice.

Direction (31-35):

Explanation

1975	44	C	51 kg
1979	40	E	56 kg
1982	37	D	39 kg
1986	33	P	40 kg
1991	28	B	21 kg
1995	24	Q	38 kg
1997	22	A	48 kg
2001	18	R	42 kg

D was born in even numbered year. Three persons were born between D and the one whose weight is 48kg.

Case 1:

1975	44		
1979	40		
1982	37	D	
1986	33		
1991	28		
1995	24		
1997	22		48 kg
2001	18		

Case 2:

1975	44		
1979	40		
1982	37		
1986	33	D	
1991	28		
1995	24		
1997	22		
2001	18		48kg

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Two persons were born between C and P, who was born after C. As many persons born before P was born after B, who was born immediately before the one whose weight is 38kg. P's weight is not 38kg. D's weight is in odd number. R's weight is twice of B's weight.

Case 1 (a):

1975	44	C	
1979	40		
1982	37	D	
1986	33	P	
1991	28	B	21 kg
1995	24		38 kg
1997	22		48 kg
2001	18		

Case 1 (b):

1975	44	B	21 kg
1979	40		38 kg
1982	37	D	
1986	33		
1991	28	C	
1995	24		
1997	22		48 kg
2001	18	P	

Case 2:

1975	44	B	21 kg
1979	40		38 kg
1982	37		
1986	33	D	
1991	28	C	
1995	24		
1997	22		
2001	18	P	48kg

Three persons were born between Q and the one who is the heaviest. 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.

Case 1 (a):

1975	44	C	51 kg
1979	40	E	56 kg
1982	37	D	39 kg
1986	33	P	40 kg
1991	28	B	21 kg
1995	24	Q	38 kg
1997	22	A	48 kg
2001	18	R	42 kg

Case 1 (b):

1975	44	B	21 kg
1979	40	A	38 kg
1982	37	D	
1986	33	Q	
1991	28	C	
1995	24	R	42 kg
1997	22		48 kg
2001	18	P	56 kg

Case 2:

1975	44	B	21 kg
1979	40	Q	38 kg
1982	37	A	40 kg
1986	33	D	39 kg
1991	28	C	51 kg
1995	24	E	56 kg
1997	22	R	42 kg
2001	18	P	48kg

Case 1(b) will be dropped because the one who is second heaviest was born immediately before E.

Case 2 will be dropped because Difference between A and D's weight is at least 2 kg.

31. Answer: B

Clearly, E is related to 1986.

Hence, option B is the correct choice

32. Answer: D

Clearly, the age difference between A and P (in years) is 11 years.

Hence, option D is the correct choice

33. Answer: C

Clearly, three persons were born between R and P.

Hence, option c is the correct choice

34. Answer: B

Clearly, Two persons weight is more than A

Hence, option B is the correct choice

35. Answer: B

Clearly, the sum of the weights of C and the one who was born in 1986 is 91 years.

Hence, option B is the correct choice

Directions (36-40):

1969	50	S	Avocado
1972	47	L	Apple
1976	43	N	Jackfruit
1981	38	M	Mango
1986	33	P	Pineapple
1992	27	R	Banana
1995	24	Q	Kiwi
1999	20	O	Orange

Q's age is even number. Q was neither youngest nor eldest. Three persons were born between Q and the one who likes Jackfruit.

Case 1:

1969	50		
1972	47		
1976	43		
1981	38	Q	
1986	33		
1992	27		
1995	24		
1999	20		Jackfruit

Case 2:

1969	50		
1972	47		
1976	43		Jackfruit
1981	38		
1986	33		
1992	27		
1995	24	Q	
1999	20		

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Difference between S and L is 3 years. S is elder than L.
Only one person was born between L and the one who likes Mango. As many persons were born before the one who likes Mango is same as many persons were born after P.

Case 1

Case 1: A

1969	50	S	
1972	47	L	
1976	43		
1981	38	Q	Mango
1986	33	P	
1992	27		
1995	24		
1999	20		Jackfruit

Case 1: B

1969	50		
1972	47		
1976	43		
1981	38	Q	
1986	33		Mango
1992	27	S	
1995	24	L	
1999	20		Jackfruit

Case 2:

1969	50	S	
1972	47	L	
1976	43		Jackfruit
1981	38		Mango
1986	33	P	
1992	27		
1995	24	Q	
1999	20		

Case 1: B will be dropped because as many persons were born before the one who likes Mango is same as many persons were born after P.

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. Two persons were born between N and the one who likes Banana. Age difference between O and the one who likes Kiwi is 4 years. The one who likes Pineapple was born immediately after M(considering the given years only). O does not like Avocado.

Case 1: A

1969	50	S	
1972	47	L	Apple
1976	43	N	
1981	38	Q	Mango
1986	33	P	
1992	27	R	Banana
1995	24	M	Kiwi
1999	20	O	Jackfruit

Case 2:

1969	50	S	Avocado
1972	47	L	Apple
1976	43	N	Jackfruit
1981	38	M	Mango
1986	33	P	Pineapple
1992	27	R	Banana
1995	24	Q	Kiwi
1999	20	O	Orange

Case 1: A will be dropped because the one who likes Pineapple was born immediately after M.

36. Answer: (c)

Clearly, two persons were born between O and the one who likes pineapple

Hence, option C is the correct choice

37. Answer: (e)

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

Hence, option E is the correct choice

38. Answer: (b)

Clearly, M is related to Banana.

Hence, option B is the correct choice

39. Answer: (e)

Clearly, only M was born in odd numbered year.

Hence, option E is the correct choice

40. Answer: (b)

Clearly, 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 is 74 years.

Hence, option B is the correct choice

Direction(41-45)

Detailed Explanation:

Step 1: Age of Arpit is 48 years and likes Red colour.

There is a difference of 12 years between Arpit and Aruna. Avni likes Blue colour

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As per the data, age of Aruna can be 60/36 years (48+/- 12 years).

When we take the base year as 2020,

Birth year of Arpit (48 years old) - 2020-48 years=1972 birth year

Two possibilities for Birth year of Aruna

i) Birth year of Aruna (60 years old) - 2020-60 years= 1960 birth year

ii) Birth year of Aruna (36 years old) – 2020-36 years= 1984 birth year

Name	Age	Birth year	Colour
Amit			
Ajay			
Arpit	48	1972	Red
Akash			
Aruna	60/36	1960/1984	
Avni			Blue
Aishwarya			
Anuja			

Step 2: Ajay's age is obtained from the birth year of Aruna. There is a difference of 6 years between the ages of Aishwarya and Ajay.

Here, by following the conditions, we can make two cases.

Case (1)			
Name	Age	Birth year	Colour
Amit			

Ajay	60	1960	
Arpit	48	1972	Red
Akash			
Aruna	60	1960	
Avni			Blue
Aishwarya	66/54	1954/1966	
Anuja			

In this case, we assume age of Aruna as 60 years, then by birth year of Aruna, the age of Ajay become 60 or 6 years old but no one should born before 1952 and after 2006 means the youngest and eldest age are 14 and 68 years old respectively as per base year 2020.

So the age of Ajay become 60 years in this case.

By following the same concept, we obtained the age and birth year of Aishwarya from the age of Ajay as per data.

Age of Aishwarya – (60 years +/- 6 years= 66/54)

Birth year of Aishwarya – (1960 +/- 6 years= 1954/1966)

Case (2)			
Name	Age	Birth year	Colour
Amit			
Ajay	48	1972	
Arpit	48	1972	Red
Akash			
Aruna	36	1984	
Avni			Blue
Aishwarya	54/42	1966/1978	
Anuja			

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In this case, we assume the age of Aruna as 36 years and further following the same above concept and method.

Step 3: Amit's age is related to the last two digits' of the birth year of Aishwarya. Age of Amit is not less than 56 years.

In this case 1, by taking year 1954 as the birth year of Aishwarya, we obtained the age of Amit as 45/54 years . But Amit's age cannot be less than 56 years so this case is not valid.

Again In this case 1, by taking year 1966 as the birth year of Aishwarya, we obtained the Amit's age as 66 years . Now the birth year of Amit as per base year 2020, is 1954.

Case (1)

Name	Age	Birth year	Colour
Amit	66	1954	
Ajay	60	1960	
Arpit	48	1972	Red
Akash			
Aruna	60	1960	
Avni			Blue
Aishwarya	54	1966	
Anuja			

Now consider another case 2:

By taking the birth year of Aishwarya as 1978, the age of Amit become 78 or 87 years but the eldest age can be 68 years old as per the data given. Now moving towards the

next possibility as birth year 1966, we get age of Amit as 66 years by satisfying every condition.

Case (2)

Name	Age	Birth year	Colour
Amit	66	1954	
Ajay	48	1972	
Arpit	48	1972	Red
Akash			
Aruna	36	1984	
Avni			Blue
Aishwarya	54	1966	
Anuja			

Now the birth year of Amit as per base year 2020, is 1954.

Step 4: Ajay likes Orange colour. One who was born in 1978 likes Green colour. Anuja neither likes Green nor Grey colour and she was not born after 1970.

In both the cases, By observing the table, Akash is the only person who satisfy the given condition.

Age of Akash – 2020-1978= 42 years old

Case (1)

Name	Age	Birth year	Colour
Amit	66	1954	
Ajay	60	1960	Orange
Arpit	48	1972	Red
Akash	42	1978	Green
Aruna	60	1960	

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Avni			Blue
Aishwarya	54	1966	
Anuja			

Case (2)			
Name	Age	Birth year	Colour
Amit	66	1954	
Ajay	48	1972	Orange
Arpit	48	1972	Red
Akash	42	1978	Green
Aruna	36	1984	
Avni			Blue
Aishwarya	54	1966	
Anuja			

Step 5: There is a difference of 10 years between the one who was born in 1978 and the one who likes White. Anuja neither likes Green nor Grey colour and she was not born after 1970.

In both the cases, Difference between Akash and the person who likes White 10 years – $(1978 \pm 10 = 1968/1988)$. It means White colour must has combination with the year 1968/1988.

This can be placed in the table only for Anuja but Anuja must be born before 1970 so the birth year of Anuja must be 1968.

Age of Anuja – $2020 - 1968 = 52$ years old

Case (1)			
Name	Age	Birth year	Colour

Amit	66	1954	
Ajay	60	1960	Orange
Arpit	48	1972	Red
Akash	42	1978	Green
Aruna	60	1960	
Avni			Blue
Aishwarya	54	1966	
Anuja	52	1968	White

Case (2)			
Name	Age	Birth year	Colour
Amit	66	1954	
Ajay	48	1972	Orange
Arpit	48	1972	Red
Akash	42	1978	Green
Aruna	36	1984	
Avni			Blue
Aishwarya	54	1966	
Anuja	52	1968	White

Step 6: One who likes Black colour was born after 1972. So, black colour must be liked by Aruna.

This condition is not satisfied with case 1 hence it is invalid. in case (2), Aruna was born in 1984.

Case (1)			
Name	Age	Birth year	Colour
Amit	66	1954	
Ajay	60	1960	Orange
Arpit	48	1972	Red

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Akash	42	1978	Green
Aruna	60	1960	Black
Avni			Blue
Aishwarya	54	1966	
Anuja	52	1968	White

Case (2)			
Name	Age	Birth year	Colour
Amit	66	1954	
Ajay	48	1972	Orange
Arpit	48	1972	Red
Akash	42	1978	Green
Aruna	36	1984	Black
Avni			Blue
Aishwarya	54	1966	
Anuja	52	1968	White

Step 7: The difference of the ages of the one who likes Blue colour and Amit is 28 years.

In case 2, the one who likes Blue colour – (66+/- 28=94/38 years old) . As we know earlier, the maximum age can be 68 years old, so the age of Avni must be 38 years.

Birth year of Avni (likes blue colour) – 2020-38= 1982 birth year

Case (2)			
Name	Age	Birth year	Colour
Amit	66	1954	
Ajay	48	1972	Orange
Arpit	48	1972	Red

Akash	42	1978	Green
Aruna	36	1984	Black
Avni	38	1982	Blue
Aishwarya	54	1966	
Anuja	52	1968	White

Step 8: Difference of the ages of the one who likes Orange colour and the one who likes Yellow colour is 18 years.

In case (2), the difference between the person who like Orange colour and Yellow colour fits or satisfy the condition for Amit because of the age difference between Amit and Ajay (66-48=18 years).

Remaining Grey colour is liked by Aishwarya.

Case (2)			
Name	Age	Birth year	Colour
Amit	66	1954	Yellow
Ajay	48	1972	Orange
Arpit	48	1972	Red
Akash	42	1978	Green
Aruna	36	1984	Black
Avni	38	1982	Blue
Aishwarya	54	1966	Grey
Anuja	52	1968	White

This is the final step.

41) Answer: E

Clearly, the birth year of the one who likes the Grey colour is 1966.

None of the answer options is right.

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Hence , option E is the correct choice

42) Answer: D

Clearly, combination of birth year and colour Ajay is 1972- Orange

Hence , option D is the correct choice

43) Answer: D

Clearly, person who likes Black and has birth year as 1984 is Aruna , who is 36 years old.

Hence , option D is the correct choice

44) Answer: E

Clearly, the age of Avni 13 years ago is 25 years.

Hence , option E is the correct choice

45) Answer: C

Clearly,the combination in which The one who was born in year 1984 and the one who likes Blue colour is correct.

Hence , option C is the correct choice

Direction (46-50)

Detailed Explanation:

Step 1: Jeff is 59 years old. The age of the one who likes Lamborghini Veneno Roadster is obtained by the birth year of Jeff.

In this sentence at the initial level we don't know the names of all 9 persons so we create table as per statements.

As per the base year 2020,

Birth year of Jeff – $2020 - 59 = 1961$ year

Name	Age	Birth Year	Car
Jeff	59	1961	

By the birth year of Jeff, we have two cases for the age of person who likes Lamborghini Veneno Roadster as follows-

Case 1:- Age of the person who likes Lamborghini- 61 years old, birth year is 1959

Case 2:- Age of the person who likes Lamborghini- 16 years old, birth year is 2004

Step 2: 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.

From the above given statements,

Bernard's age – age of the person who likes Lamborghini = 20 years

Case 1:- If we take case 1, means the person who likes Lamborghini is of 61 years old, then by following the

Name	Age	Birth Year	Car
Jeff	59	1961	
Bernard	36	1984	
Larry			Aston Martin Valkyrie

above equation- we only get the Bernard's age is in odd number but bernard's age is an even number.

Bernard's age = $20 + 61$ years = 81 years old (odd number).

Bernard's age = $61 - 20$ years = 41 years old (odd number).

So, case (1) is not valid.

Case 2:- In this case,

Age of the person who likes Lamborghini = 16 years old, birth year is 2004

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By the above equation-

Bernard's age = $20 + 16$ years = 36 years old. (Even number), Bernard birth year is 1984

Bernard's age = $20 - 16$ years = 4 years old. (Even number), Bernard birth year becomes 2024 but ages are calculated with respect to 2020. So this possibility is not valid.

Name	Age	Birth Year	Car
Jeff	59	1961	
Bernard	36	1984	

Step 3:- The age of the one who likes LykanHypersport is derived by the birth year of Bernard. Larry likes Aston Martin Valkyrie.

Age of the person who likes LykanHypersport – 48/84 years old.

As per the base year 2020,

Birth year of the person who likes LykanHypersport –

For 48 years old- ($2020 - 48 = 1972$ year)

For 84 years old- ($2020 - 84 = 1936$ year)

Step 4:- Jim's age is an odd number but not prime number. One of the person was born in 1973 and that person is not Mark, Larry and Jim. The age of Alice is obtained by the birth year of Jim. The age of Bill and Warren is an even number. The one who likes Bugatti Divo is 6 years younger than Amancio.

Age of the person who was born in 1973 – ($2020 - 1973 = 47$ years old)

Here we come to know the names of all 9 richest personalities given in the question.

Name	Age	Birth Year	Car
Jeff	59	1961	
Bernard	36	1984	
Larry			Aston Martin Valkyrie
Jim			
Mark			
Amancio			
Alice			
Bill			
Warren			

Mark, Larry and Jim were not born in 1973 as given.

If we assume, Alice was born in 1973 then the age of Jim become 37 or 73 years old as per condition but both are prime numbers, so Alice cannot be born in 1973.

Age of Bill and Warren must be even numbers so their age cannot be 47 years old.

As per the above conditions, only Amancio can be born in 1973 or 47 years old.

Name	Age	Birth Year	Car
Jeff	59	1961	
Bernard	36	1984	
Larry			Aston Martin Valkyrie
Jim			
Mark			
Amancio	47	1973	
Alice			

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Bill			
Warren			

Step 5:- The one who likes Bugatti Divo is 6 years younger than Amancio.

Age of the person who likes Bugatti Divo- $47 - 6 = 41$ years old.

Birth year of the person who likes Bugatti Divo- $2020 - 41 = 1979$ year.

Name	Age	Birth Year	Car
Jeff	59	1961	
Bernard	36	1984	
Larry			Aston Martin Valkyrie
Jim			
Mark			
Amancio	47	1973	
Alice			
Bill			
Warren			

Step 6:- 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. None of them was born before 1936.


As in step 3, the age of the person who likes LykanHypersport can be 48 or 84 years old.

We knew that, the age of eldest person can be 84 years old

Age of eldest person can be- $2020 - 1936 = 84$ years old.

Case 1:- Age of the person who likes LykanHypersport is 84 years old, then by condition,

Larry's age = age of person who likes Bugatti Veyron + age of person who likes LykanHypersport




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In this case, age of Larry becomes more than 84 years

Name	Age	Birth Year	Car
Jeff	59	1961	
Bernard	36	1984	
Larry			Aston Martin Valkyrie
Jim			
Mark	41	1979	Bugatti Divo
Amancio	47	1973	
Alice			
Bill			
Warren			

old.

So, the one who likes LykanHypersport is 84 years old is not valid.

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Case 2:- Age of person who likes LykanHypersport is 48 years old and this satisfies the other conditions as well.

Name	Age	Birth Year	Car
Jeff	59	1961	
Bernard	36	1984	
Larry			Aston Martin Valkyrie
Jim			
Mark			
Amancio	47	1973	
Alice			
Bill			
Warren			

Step 7:- Jim's age is an odd number but not prime number. The age of Bill and Warren is an even number. The age of Alice is obtained by the birth year of Jim.

As in step 5, the person who likes Bugatti Divo is of 41 years old and born in 1979.

By observing the blank spaces in table, we come to know that Bill and Warren cannot like Bugatti Divo because their age must be even number.

Age of Jim cannot be 41 years old because it is a prime number and so it cannot be related to Alice as well because if jim born in either 1941 or 2014 then alice age will be 41 years but 1941 as 79 years old(odd number but it is prime number also) & 2014 as 6 years old(even number) so both the years are not valid for jim.

So, the car, Bugatti Divo must be liked by Mark.

Step 8:- Bill doesn't likes LykanHypersport.

Earlier in step 2 & 6, we already knew-

Age of the person who likes Lamborghini Veneno Roadster is 16 years old.

Age of the person who likes LykanHypersport is 48 years old.

Alice's age is not 16 years or 48 years because it doesn't satisfy jim's age condition.

Age of Bill and Warren must be even numbers and we have only these two even ages because the age of Jim must be in odd number.

Name	Age	Birth Year	Car
Jeff	59	1961	
Bernard	36	1984	
Larry			Aston Martin Valkyrie
Jim			
Mark	41	1979	Bugatti Divo
Amancio	47	1973	
Alice			
Bill	16	2004	Lamborghini Veneno Roadster
Warren	48	1972	LykanHypersport

Step 9:- Jim's age is an odd number but not prime number. The age of Jim is derived by the birth year of Warren. The age of Alice is obtained by the birth year of Jim.

Birth year of Warren is 1972 so the age of Jim becomes 27 or 72 years old.

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Age of Jim must be odd number but not prime, then he must be 27 years old and born in 1993 as per base year 2020.

Age of Alice by the birth year of Jim can be 93 or 39 years old but the eldest age can be 84 years old then he must be 39 years old.

Birth year of Alice- $2020 - 39 = 1981$ year.

Name	Age	Birth Year	Car
Jeff	59	1961	
Bernard	36	1984	
Larry			Aston Martin Valkyrie
Jim	27	1993	
Mark	41	1979	Bugatti Divo
Amancio	47	1973	
Alice	39	1981	
Bill	16	2004	Lamborghini Veneno Roadster
Warren	48	1972	LykanHypersport

Step 10:- The one who likes Bugatti Veyron by MansoryVivere was born in an even numbered year.

So Bugatti Veyron by MansoryVivere must be liked by Bernard who was born in 1984 and 36 years old .

Larry's age = $36 + 48 = 84$ years old.

(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.)

Birth year of Larry – $(2020 - 84 = 1936)$ 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. Jim doesn't like McLaren P1 LM.

Jeff (59 years old) is elder than Amancio (47 years old).

The remaining car is Koenigsegg CCXR Trevita.

Name	Age	Birth Year	Car
Jeff	59	1961	Mercedes Benz Maybach
Bernard	36	1984	Bugatti Veyron
Larry	84	1936	Aston Martin Valkyrie
Jim	27	1993	Koenigsegg
Mark	41	1979	Bugatti Divo
Amancio	47	1973	Rolls Royce Sweptail
Alice	39	1981	McLaren P1 LM
Bill	16	2004	Lamborghini Veneno Roadster
Warren	48	1972	LykanHypersport

This is our final step.

46) ANSWER: E

Clearly, the age of the one who likes Bugatti Veyron by MansoryVivere and the one who likes Rolls Royce Sweptail respectively is 36,47

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Hence option E is correct choice.

47) ANSWER: C

Clearly, The one who was born in 1972 likes LykanHypersport is true among all statements.

Hence option C is correct choice.

48) ANSWER: E

Clearly, statements I and III are true.

Hence option E is correct choice

49) ANSWER: A

Clearly, the sum of the ages of the eldest and the youngest persons is 100 years.

Hence option A is correct choice

50) ANSWER: A

Clearly, the difference between the ages of the one who likes Aston Martin Valkyrie and the one who was born in the year of 1961 is 25 years.

Hence option A is correct choice

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Puzzle Random

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

Ten boxes A, B, C, D, M, N, O, U, V and W are placed above one and another. Each box surface is different colours such as Pink, Blue, White, Violet, Black, Red, Green, Yellow, Cyan and Brown and different shape of polygons such as Monogon, Bigon, Triangle, Tetragon, Pentagon, Hexagon, Heptagon, Octagon, Nonagon and decagon. No two boxes are in the same colour and shape of Polygon. All the information are not necessarily in the same order.

One box is between B and black coloured box, which is pentagon shape and below of B. Sum of the sides of the box N and M is a perfect square. Number of boxes are between N and M as same as number of box between O and N, which box is sides of Perfect cube. Two boxes are between O and N, which is Violet. Neither box M nor V is Black and Blue. Sum of the sides of Violet coloured box is above of Black coloured box. Number of boxes are above C as same as number of boxes are below of D,

which is pink coloured box. Four boxes are between W and O, which is green coloured box. Pink colour box is above of Decagon shape box. Bigon shape box is three place away from yellow coloured box, which places in the even numbered position from the bottom. Sides of A is less than the sides of box B, which is perfect square. Less than three boxes are above W, which is decagon shape. Sides of O is more than sides of N and multiple of sides of box V, which is above of yellow coloured box. Blue coloured box is below of Cyan and above of White, which is Hexagon. Brown coloured box places in the even numbered position from the bottom. V has 3 sides and red colour

1) Which box is a Tetragon shape?

- a) Blue coloured box
- b) Box D
- c) Box B
- d) Green coloured Box
- e) None of these

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2) How many boxes are between Red box and white box?

- a) Two
- b) Three
- c) Five
- d) Seven
- e) Four

3) Four of them following are in the same group, which is not belongs to that group?

- a) B-4
- b) C-6
- c) D-3
- d) M-1
- e) O-9

4) Which box is the Red coloured box?

- a) Tetragon
- b) Bigon
- c) Heptagon
- d) Triangle
- e) Monogon

5) Which of the following pair is in the Top and Bottom?

- a) UD
- b) CU
- c) UM
- d) CM
- e) None of these

Direction (6-10): Answer the questions based on the information given below.

Eleven boxes A, B, C, J, K, L, P, Q, R, Y and Z are placed above one and another. Each box has different products such as Glass, Book, Note, Charger, Phone, Pencil, Vessel, Laptop, Soap, pen and Paste and different quantity of products such as 3, 5, 7, 8, 9, 11, 12, 13, 14, 25 and 36.

No two boxes are in the same product and quantity. All the information are not necessarily in the same order.

One box is between Pen box and phone box, which has quantity below of pen box. Number of boxes are between Z and B as same as number of boxes are between L and B, which box is below of Z. Two boxes are between A and Z, which has book and quantity is multiple of 6. A is above of Z. Three boxes are between Note box and Laptop box, which is above of Note box but below of Y. Neither P nor K has Laptop and Charger. Five boxes are between Y and L, which box has phone and quantity is perfect square. P places two box above of box C, which has Note and quantity is Prime number. Sum of the quantity of A and Z as same as the quantity of Pen box, which is perfect square. One box is between Y and one which has Glass, which is above of Y and L. Number of boxes are below of L as same as number of boxes are above of Q, which has Glass. K places above of R and below of J, which has Pencil. Sum of the quantity of R and Z as same as sum of the quantity of Q and A, which has Soap. Sum of the quantity of Soap box and K, which has vessel as same as number of perfect square. Quantity of Paste box is multiple of 7. Quantity of Pencil is more than Charger.

6) Which box has Paste?

- a) K
- b) P
- c) Y
- d) B
- e) R

7) What is sum of the quantity of Note box and Pencil box?

- a) 36
- b) 28
- c) 32
- d) 20
- e) 47

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8) How many boxes are between Paste box and Charger box?

- a) Two
- b) Five
- c) Four
- d) Six
- e) None

9) Four of them following are in the same group, which is not belongs to that group?

- a) L-pen
- b) R-vessel
- c) Y-Glass
- d) B-Note
- e) Z-Charger

10) What is the quantity of Vessel Box?

- a) 36
- b) 3
- c) 11
- d) 7
- e) 8

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

Ten person namely Arun, Ajay, Anu, Amir, Abi, Arjun, Aadhi, Akil, Aakash and Anbu are living in the ten floor building but not necessarily in the same order. Lowest floor is floor 1 and above it is Floor 2 so on until topmost floor is Floor 10. All of them are like different subject such as Physics, Tamil, English, Hindi, Ethics, Maths, Botany, Zoology, Gk, Economy and different cars such as Audi, Ford, Honda, TVS, Suzuki, Tata, Volvo, Benz, BMW and Jeep. All the information are not necessarily in the same order.

Number of person live between Arjun and Akil as same as number of person live between Aakash and Akil, who lives in the odd numbered floor. One person lives between

Anbu and Arun, who has Audi and not live in the topmost floor. Akil, who likes English, lives immediately below of one who like Botany. Number of person live above of Anbu as same as number of person live below of Anu, who has Benz. Aadhi, who has BMW, lives two floor below of Arjun, who likes GK. No one lives above of one who likes Physics and below of one who has TVS. Two person live between Anu and one who like Botany, who lives in the even numbered floor but below of 8th floor. Ajay lives below of Abi, who has Suzuki. Four person live between Anu and Anbu, who likes Ethics and lives above Anu. Neither Aakash nor Amir likes Zoology and Tamil. Ajay lives not immediate neighbour of one who has TVS and has Ford. One who like Zoology lives immediately above of one who likes Hindi, who lives in the odd numbered floor. One who like Maths and one who has Honda live immediate floors. Number of person live between one who has Honda and Volvo as same as number of person live between one who has Tata and Volvo.

11) Who has Jeep?

- a) Amir
- b) Arjun
- c) Akil
- d) Anbu
- e) Aakash

12) How many person live between one who has Volvo and one who live Economy?

- a) Three
- b) Six
- c) Two
- d) Seven
- e) None

13) If Amir is related to TVS and Aadhi is related to Audi. In the same way, who is related to Volvo?

- a) Arjun

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- b) Anbu
- c) Abi
- d) Arun
- e) Anu

14) Who likes Maths?

- a) Amir
- b) Aakash
- c) Ajay
- d) Aadhi
- e) None of these

15) Which of the following pair is correct?

- a) Amir-Volvo
- b) Aakash-Economy
- c) Aadhi-Tamil
- d) Anbu-Tata
- e) Both C and D

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

Nine person A, B, C, J, K, L, P, Q and R are living in the ten floor building but not necessarily in the same order. Lowest floor is floor 1 and above it is Floor 2 so on until topmost floor is Floor 9. All of them are different profession such as Doctor, Engineer, Lawyer, Dancer, Singer, Director, Teacher, Police and different sports such as Sprint, Chess, Badminton, Tennis, Volleyball, Football, Cricket, Squash and Snooker. All the information are not necessarily in the same order.

Number of person live between B and L as same as number of person live between B and Dancer. Two person live between A and K, who is an Engineer and lives below of Teacher but live in the even numbered floor below 5. Less than two person live above of P, who lives three floor away from one who like Cricket. Police lives three floor away from Q, who is a Doctor. B, who is a Teacher, lives two floor above of R, who likes tennis and B is not in the

top floor. Two person live between Doctor and one who like football, who lives immediate floor of Director. Five floor are between R and P, who is Manager and live in the odd numbered floor. Neither C nor L is police and Lawyer. J, who is a lawyer, lives three floors below of one who like badminton. Number of person live between C and one who like Volleyball is one less than number of person live between one who like badminton and C, who lives in the even numbered floor below 5. One who like Volleyball and badminton live not in the immediate floor. One who like Chess lives two floor below of one who like Sprint. One who like Snooker lives in the even numbered floor but above Singer and above 6th floor.

16) Who likes Squash?

- a) L
- b) C
- c) A
- d) B
- e) K

17) How many person live between Singer and Dancer?

- a) Four
- b) Three
- c) Two
- d) Five
- e) None

18) Who live in the 7th floor?

- a) Singer
- b) One who like Squash
- c) Lawyer
- d) One who like Sprint
- e) Both A and D

19) Four of them following are in the same group, which is not belongs to that group?

- a) Volleyball

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- b) Squash
- c) Badminton
- d) Snooker
- e) Cricket

20) Who is a Singer?

- a) C
- b) R
- c) A
- d) J
- e) None of these

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

Twelve person A, B, C, D, P, Q, R, S, U, V, W and Z were born in the different years viz 1959, 1963, 1968, 1971, 1975, 1978, 1979, 1981, 1989, 1995, 2006 and 2012. All the person ages calculate from the base year of 2020. All of them were in the different countries such as India, Pakistan, China, USA, UK, France, Russia, Japan, Kenya, Singapore, Malaysia and Finland. No two person was born in the same year. All the information are not necessarily in the same order.

Note: If one person was born in the year 2006 that person age is 14 based on the base year of 2020

One who born in Russia is four years elder than Z, who was born in Malaysia. Number of person were born before R as same as number of person were born after C, who was born in Kenya. Two person were born between D and R, who is elder than D and age is 42. S, who was born in Japan, is younger than U and elder than V, who is the age of perfect square below 30. Sum of the age of A and W is one year less than age of one who born in Russia. Two person were born between Z and B, who was born in UK and B, who is the age multiple of 5. Five person were born between D and A, who was born in the leap year and born in France. Number of person were born between B and Q as same as number of person were born between Q and

one who born in India. Sum of the age of one who born in Kenya and Pakistan is multiple age of one who born in USA. Sum of the age of one who born in Singapore and one who born in China is one year less than age of one who born in Malaysia. One who born in China is elder than USA and Younger than one who born in Singapore.

21) Who was born in Finland?

- a) D
- b) R
- c) V
- d) W
- e) Q

22) Who was born in the year 2006?

- a) W
- b) V
- c) P
- d) Z
- e) B

23) What is the sum of the age of one who born in Finland and USA?

- a) 57
- b) 33
- c) 39
- d) 50
- e) 47

24) Four of them following are in the same group, which is not belongs to that group?

- a) A-UK
- b) R-Pakistan
- c) Q-China
- d) R-Singer
- e) Z-Japan

25) Which of the following pair is youngest and eldest?

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- a) WV
- b) WU
- c) UA
- d) UZ
- e) WD

Direction (26-30): Answer the questions based on the information given below.

Ten person A, B, C, J, K, L, M, N, S and T were born in the different years viz 1962, 1969, 1972, 1981, 1984, 1990, 1993, 1998, 2004 and 2009. All the person ages calculate from the base year of 2020. All of them have completed different degree such as B.E, MBA, MCA, M.Sc, B.Com, MBBS, MS, LLB, B.Ed and B.A. No two person was born in the same year. All the information are not necessarily in the same order.

Note: If one person was born in the year 2004 that person age is 16 based on the base year of 2020

One person was born between K and T, who is the age of perfect square below 30 and has completed B.Com. Difference between the year of S and L is number of perfect square but not more than 20. Two person were born between N and S, who is younger than N. One who has MBA degree was born in the leap year but not younger than C. Neither M nor J has MBA and M.Sc degree. Four person were born between C and N, who has completed B.E and born in the leap year. Sum of the age of L and age of one who has M.S degree is one year less than age of A, who was born immediately before N. Less than three person were born after C, who is the age multiple of prime number which has two digits and both digits are same. One who has MCA degree was born after L, who has completed B.Ed but born before S. Number of person were born between one who has MBBS and MCA as same as number of person were born between one who has B.A and one who has M.Sc, who was born immediatly before N. More than three person were born between one who has LLB and M.

26) Who has completed M.Sc degree?

- a) M
- b) J
- c) A
- d) K
- e) C

27) How many person were born between B and J?

- a) Two
- b) Four
- c) Three
- d) Five
- e) One

28) What is the age of J?

- a) 58
- b) 36
- c) 11
- d) 51
- e) 16

29) Which of the following pair is true?

- a) C-MCA
- b) A-MBBS
- c) S-LLB
- d) J-B.Com
- e) B-LLB

30) Which year M was born?

- a) 2009
- b) 1981
- c) 2004
- d) 1962
- e) None of these

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

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Ten persons namely Ravi, Rajan, Ram, Raghu, Rekha, Revathi, Roja, Rishi, Rooban and Raghavan are working as employee of the university. Each of them has different designations such as Clerk (CL), Lab-technician (TE), Assistant professor (AP), Professor (PR), HOD (HD), Vice principal (VP), Principal (PL), Vice-Chancellor (VC), Chancellor (CR), Chairman (CM). Designations are in the ascending order (Clerk is a lowest position of the university while Chairman is the highest position of the university). All of them are like different subjects such as GK, English, Maths, Physics, History, CA, Hindi, Tamil, Polity and Botany. All the information are not necessarily in the same order.

One who like Zoology is senior to Rishi and Junior to Ravi. Less than two person senior to Raghavan, who likes Tamil. Rajan, one who like Zoology is two position senior to one who like History. Number of person rank before Ravi as same as number of person Rank after Rishi, who likes Maths. Rajan is two position below Ravi, who is VC. Neither HD nor PL likes History and CA. Number of person work before Revathi as same as number of person work after Ram, who is Junior to one who like Zoology. TE, who likes Botany is junior to Roja and Rekha but senior to Rooban. Five person work between Raghavan and one who like Maths, who is junior to Raghavan. Two person work between one who like Polity and one who like History, who is senior to Polity. One who likes English is junior tone who like CA. Two person work between one who like GK and Roja, who likes English.

31) Who is CM?

- a) Ram
- b) Rekha
- c) Raghavan
- d) Rajan
- e) Revathi

32) What is the position of one who like Hindi?

- a) VC

- b) CM
- c) PL
- d) PR
- e) VP

33) How many person work between Raghu and Revathi?

- a) Four
- b) One
- c) Two
- d) Three
- e) Five

34) Four of them following are in the same group, which is not belongs to that group?

- a) AP-Maths
- b) PL-Hindi
- c) HD-english
- d) VC-CA
- e) PR-History

35) Which of the fllowing statement is false?

- a) Rajan is VP
- b) Raghu likes Botany
- c) Four person work between Ram and Revathi
- d) Ravi is senior to Rajan
- e) All are true

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

Ten person M, N, O , P, Q, R, W, X, Y and Z were born in the different months of the same year viz January, February, April, May, July, August, September, October, November and December. All of them are like different colours such as Red, White, Blue, Black, Orange, Yellow, Green, Cyan, Gold and Silver. All of them were born in the different places such as Delhi, Goa, Chennai, Bangalore, Kochin, Patna, Haryana, panjab, Kolkata and

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Mumbai. No two person was born in the same month. All the information are not necessarily in the same order.

M was born before Z and likes Cyan but born in the month of below 31 days. Two person were born between one who born in Mumbai and one who born in Kolkata, who is elder than more than two person. Z was born after Y, who likes Green colour and who was born in the month of below 30 days. One person was born between O and W, who likes Yellow. O, who was born in Bangalore and P were born in the month of 31 days and P was born after O. Four person were born between Y and Z, who was born in Kolkata. Number of person were born before one who born in Mumbai as same as number of person were born after Q, who likes Black. W was exactly born between M and X, who was born in Kochin and born below W. R, who was born in Goa, is three months younger than one who born in Delhi. One person was born between one who born in panjab and one who born in Haryana. One who like Red was born after White and before Orange, who was born in the month of 30 days. One person was born between one who like Silver and N, who likes Gold and not born in Patna. Neither M nor W was born in Panjab and Patna.

36) Who was born in Patna?

- a) N
- b) M
- c) Q
- d) W
- e) Y

37) How many person were born between N and one who like Blue?

- a) Two
- b) Four
- c) Five
- d) Three
- e) Six

38) Who was born in the month of May?

- a) N
- b) One who like Orange
- c) M
- d) One who like White
- e) None of these

39) Four of them following are in the same group, which is not belongs to that group?

- a) R
- b) N
- c) Z
- d) O
- e) P

40) If X is related to Kolkata and W is related to Goa. In the same way, who is related to Delhi?

- a) R
- b) N
- c) W
- d) M
- e) Z

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

Nine person A, B, C, M, N, O, P, Q and R were born in the different months of the same year viz January, March, April, June, July, August, September, October and November. All of them have different exams such as NTPC, Bank, UPSC, JEE, SSC, TNPSC, RRB, Army, Police and different marks for each exam such as 75, 100, 150, 200, 250, 300, 400, 600 and 1000. No two person was born in the same month. All the information are not necessarily in the same order.

Number of person have exam before one who has bank exam as same as number of person have exam after M, who has exam marks four times marks of TNPSC exam and has exam after R. Neither A nor P has UPSC exam

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and Army exam. Sum of the exam marks of UPSC and SSC as same as marks of M, who has JEE exam. One who has Bank exam is conduct four months before of UPSC exam and bank exam has lowest mark. Five person have exam between R and O, who has NTPC exam and who has exam in the month of 31 days. Three person have exam between A and C, who has TNPSC exam. One person has exam between R and one who has UPSC exam, who has exam before R. Number of person has exam between one who has NTPC and Q as same as number of person have exam between Q and N, who has exam mark 4times of Bank exam mark. Marks ratio of UPSC and SSC is 3:2 repectively and N attends the exam in the month of 30 days. Two person have exam between one who has Army exam and Police exam, who has exam in the month of 30 days but after TNPSC exam. Marks of Army exam is two times the marks of the Bank exam and is higher than Marks of the NTPC.

41) Who has UPSC exam?

- a) C
- b) Q
- c) N
- d) B
- e) A

42) What is the sum of the mark of NTPC and RRB?

- a) 450
- b) 225
- c) 400
- d) 750
- e) 850

43) How many person have exam between N and A?

- a) Two
- b) Three
- c) Five
- d) Six
- e) Seven

44) Who has exam on July?

- a) Q
- b) N
- c) C
- d) A
- e) P

45) Which of the following pair is not correct?

- a) N-150
- b) C-250
- c) P-400
- d) O-100
- e) Q-600

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

Seven persons namely Kavi, Kalai, Karna, Kanmani, Kumar, Kiran and Karan are attending the meeting in the different days of the week starting from Monday to Sunday. All of them are different age persons such as 19, 21, 24, 25, 29, 34 and 40. All of them have completed different degree such as LLB, B.A, MBBS, MBA, CA, M.S and MCA. No two person is attending the meeting in the same day. All the information are not necessarily in the same order.

One person attends the meeting between one who has MBA and Karna, who is the age multiple of 6 and 12. Kumar attends the meeting two days away from one who has LLB degree. More than two person attend the meeting between Kanmani and one who has LLB degree. Neither Kumar nor Kanmani has degree of MBA and B.A. Two person attend the meeting between one who has CA degree and Kavi, who attends the meeting immediate before Kumar but not on Monday. Number of person attend the meeting before one who has MBBS degree as same as number of person attend the meeting after Kiran, who is elder than Kumar. Karna attends the meeting immediately before one who has MCA degree. Karan

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attends the meeting before one who has B.A degree, who is the age of Prime number above 15. Sum of the age of Karan and Karna is the perfect square. Three person attend the meeting between Kumar and Kanmani, who is the age multiple of 8 and attends the meeting after Kumar. Sum of the age of Kalai and Kavi as same as the age of one who has MCA degree.

46) Who has M.S degree?

- a) Kavi
- b) Kanmani
- c) Karna
- d) Kumar
- e) Karan

47) Who is attend the meeting on Friday?

- a) 29 years old person
- b) 40 years old person
- c) 25 years old person
- d) 34 years old person
- e) None of these

48) How many person attend the meeting between one who has M.S and MCA degree?

- a) Four
- b) Three
- c) Two
- d) Five
- e) None

49) Four of them following are in the same group, which is not belongs to that group?

- a) Tuesday-29
- b) Friday-21
- c) Monday-24
- d) Wednesday-29
- e) Sunday-34

50) What is the sum of the age of Kiran and Karna?

- a) 53
- b) 58
- c) 64
- d) 45
- e) 49

Puzzle Random – Answer and Explanation

Answers:

- 1) C
- 2) B
- 3) C
- 4) D
- 5) E

Solution (1-5):

- Four boxes are between W and O, which is green coloured box.
- Less than three boxes are above W, which is decagon shape.

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Case 1

Box	Colour	Polygons	Box	Colour	Polygons
			W		Decagon
W		Decagon			
			O	Green	
O	Green				

Case 2

Box	Colour	Polygons
W		Decagon
N	Violet	
O	Green	

Case 2 is not valid, because

- Pink colour box is above of Decagon shape box.

Case 1

Box	Colour	Polygons	Box	Colour	Polygons
			W		Decagon
W		Decagon			
			O	Green	
O	Green				

Case 2

- Number of boxes are between N and M as same as number of box between O and N, which box issides of Perfect cube.

→ Sides of N=perfect cube (8, 1)

Hence, $1+8=9$ / $1+3=4$

- Sum of the sides of the box N and M is a perfect square.
- Two boxes are between O and N, which is Violet.

→ Sum of the sides of M+N= perfect square (4, 9, 16)

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Box	Colour	Polygons
M		
W		Decagon
N	Violet	
O	Green	

- One box is between B and black coloured box, which is pentagon shape and below of B.

Case 1

Case 2

Box	Colour	Polygons	Box	Colour	Polygons
M			M		
W		Decagon	W		Decagon
			B		
N	Violet		N	Violet	
				Black	Pentagon
B					
O	Green		O	Green	
	Black	Pentagon			

- Sum of the sides of Violet coloured box is above of Black coloured box.

→ Sides of N > Sides of Black box (pentagon-5)

So, side of N=8 and M=1

Case 1

Case 2

Box	Colour	Polygons	Box	Colour	Polygons
M		Monogon	M		Monogon
W		Decagon	W		Decagon
			B		
N	Violet	Octagon	N	Violet	Octagon
				Black	Pentagon
B					
O	Green		O	Green	
	Black	Pentagon			

- Number of boxes are above C as same as number of boxes are below of D, which is pink coloured box.

Case 1

Case 2

Box	Colour	Polygons	Box	Colour	Polygons
D	Pink		D	Pink	
M		Monogon	M		Monogon
W		Decagon	W		Decagon
			B		
N	Violet	Octagon	N	Violet	Octagon
				Black	Pentagon
B					
O	Green		O	Green	
	Black	Pentagon			
C			C		

Case 2 is not valid, because

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- Bigon shape box is three place away from yellow coloured box, which places in the even numbered position from the bottom.
- Sides of A is less than the sides of box B, which is perfect square.

→ Sides of A < Sides of B (4, 9)

Case 1

Case 2

Box	Colour	Polygons	Box	Colour	Polygons
D	Pink		D	Pink	
M		Monogon	M		Monogon
W		Decagon	W		Decagon
		Bigon	B		
N	Violet	Octagon	N	Violet	Octagon
				Black	Pentagon
B	Yellow				
O	Green		O	Green	
	Black	Pentagon			
C			C		

- Sides of O is more than sides of N and multiple of sides of box V, which is above of yellow coloured box.

→ Sides of O > sides of N

So, O=9 (Nonagon)

→ Sides of O=Multiple of sides of V → $3 \times 3 = 9$

So, V=3

Hence, remainind perfect square B=4 and A=2

Box	Colour	Polygons
D	Pink	
M		Monogon
W		Decagon
A		Bigon
N	Violet	Octagon
V		Triangle
B	Yellow	Tetragon
O	Green	Nonagon
U	Black	Pentagon
C		

- Neither box M nor V is Black and Blue.
- Blue coloured box is below of Cyan and above of White, which is Hexagon.
- Brown coloured box places in the even numbered position from the bottom.

→

Cyan

Blue

White-Hexagon

Hence, Final arrangement as follows

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Box	Colour	Polygons
D	Pink	Heptagon
M	Cyan	Monogon
W	Brown	Decagon
A	Blue	Bigon
N	Violet	Octagon
V	Red	Triangle
B	Yellow	Tetragon
O	Green	Nonagon
U	Black	Pentagon
C	White	Hexagon

Answers:

- 6) B
- 7) E
- 8) C
- 9) D
- 10) B

Solution (6-10):

- Five boxes are between Y and L, which box has phone and quantity is perfect square.
- One box is between Y and one which has Glass, which is above of Y and L.

→ Quantity of Box L = Perfect square (9, 25, 36)

Case 1			Case 2			Case 3		
Box	Product	Quantity	Box	Product	Quantity	Box	Product	Quantity
							Glass	
	Glass							
				Glass		Y		
Y								
			Y					
						L	Phone	
L	Phone							
			L	Phone				

Case 2 is not valid, because

- Number of boxes are below of L as same as number of boxes are above of Q, which has Glass.

Case 1			Case 2			Case 3		
Box	Product	Quantity	Box	Product	Quantity	Box	Product	Quantity
							Glass	
Q	Glass							
				Glass		Y		
Y								
			Y					
						L	Phone	
L	Phone							
			L	Phone				

- Number of boxes are between Z and B as same as number of boxes are between L and B, which box is below of Z.

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Case 1

Case 2

Box	Product	Quantity	Box	Product	Quantity
Q	Glass		Q	Glass	
Y			Y		
Z					
B			Z		
			B		
L	Phone		L	Phone	

- One box is between Pen box and phone box, which has quantity below of pen box.

→ Quantity of pen > Phone (9, 25, 36)

Case 1

Case 2

Box	Product	Quantity	Box	Product	Quantity
Q	Glass		Q	Glass	
Y			Y		
Z					
B	Pen		Z	Pen	
			B		
L	Phone		L	Phone	

Case 2 is not valid, because

- Two boxes are between A and Z, which has book and quantity is multiple of 6.
- A is above of Z.
- Sum of the quantity of A and Z as same as the quantity of Pen box, which is perfect square.

→ Quantity of Box Z = multiple of 12 (12, 36)

Quantity of pen = Perfect square (9, 25, 36)

Quantity of A + Z = Pen (13 + 12 = 25)

So, A = 13, Z = 12, Pen = 25 and L = 9 (Pen < Phone)

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Case 1

Box	Product	Quantity	Box	Product	Quantity
Q	Glass		Q	Glass	
A		13			
Y			Y		
Z	Book	12			
B	Pen	25	Z	Pen	
			B		
L	Phone	9	L	Phone	

- Three boxes are between Note box and Laptop box, which is above of Note box but below of Y.
- P places two box above of box C, which has Note and quantity is Prime number.

→ Quantity of C = Prime number (11, 7, 3)

Case 1

Box	Product	Quantity	Box	Product	Quantity
Q	Glass		Q	Glass	
A		13	A		13
Y			Y		
				Laptop	
Z	Book	12	Z	Book	12
	Laptop		P		
B	Pen	25	B	Pen	25
P			C	Note	
L	Phone	9	L	Phone	9
C	Note				

Case 2

Case 2 is not valid, because

- Neither P nor K has Laptop and Charger.
- K places above of R and below of J, which has Pencil.

Box	Product	Quantity	Box	Product	Quantity
J	Pencil				
Q	Glass		Q	Glass	
A		13	A		13
Y			Y		
K				Laptop	
Z	Book	12	Z	Book	12
R	Laptop		P		
B	Pen	25	B	Pen	25
P			C	Note	
L	Phone	9	L	Phone	9
C	Note				

- Sum of the quantity of R and Z as same as sum of the quantity of Q and A, which has Soap.

→ Quantity of R+Z= Q+A

Only, 12+8=13+3

So, R=8 and Q=7

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Box	Product	Quantity
J	Pencil	
Q	Glass	7
A	Soap	13
Y		
K		
Z	Book	12
R	Laptop	8
B	Pen	25
P		
L	Phone	9
C	Note	

Box	Product	Quantity
J	Pencil	36
Q	Glass	7
A	Soap	13
Y	Charger	5
K	Vessel	3
Z	Book	12
R	Laptop	8
B	Pen	25
P	Paste	14
L	Phone	9
C	Note	11

- Sum of the quantity of Soap box and K, which has vessel as same as number of perfect square.
- Quantity of Paste box is multiple of 7.
- Quantity of Pencil is more than Charger.

→ Quantity of Vessel + Soap = perfect square (16, 25, 36)

Hence, remaining $3 + 13 = 16$

So, vessel = 3 and Soap = 13

Quantity of paste = Multiple of 7 (14)

Quantity of Charger < Pencil (So, remaining $5 < 36$)

Hence, Final arrangement as follows

Answers:

11) B

12) C

13) D

14) B

15) E

Solution (11-15):

- Two person live between Anu and one who like Botany, who lives in the even numbered floor but below of 8th floor.
- Four person live between Anu and Anbu, who likes Ethics and lives above Anu.

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Case 1				Case 2			Case 3		
Floor	Person	Subject	Car	Person	Subject	Car	Person	Subject	Car
10				Anbu	Ethics				
9									
8	Anbu	Ethics							
7									
6		Botany					Anbu	Ethics	
5							Anu		
4					Botany				
3	Anu								
2								Botany	
1				Anu					

Case 2 is not valid, because

- Number of person live above of Anbu as same as number of person live below of Anu, who has Benz.

Case 1				Case 2			Case 3		
Floor	Person	Subject	Car	Person	Subject	Car	Person	Subject	Car
10				Anbu	Ethics				
9									
8	Anbu	Ethics							
7									
6		Botany					Anbu	Ethics	
5							Anu		
4					Botany				
3	Anu		Benz						
2								Botany	
1				Anu					

- One person lives between Anbu and Arun, who has Audi and not live in the topmost floor.

Floor	Person	Subject	Car
10			
9			
8	Anbu	Ethics	
7			
6	Arun	Botany	Audi
5			
4			
3	Anu		Benz
2			
1			

- Number of person live between Arjun and Akil as same as number of person live between Aakash and Akil, who lives in the odd numbered floor.
- Akil, who likes English, lives immediately below of one who like Botany.

Case 1				Case 2		
Floor	Person	Subject	Car	Person	Subject	Car
10						
9	Arjun			Aakash		
8	Anbu	Ethics		Anbu	Ethics	
7						
6	Arun	Botany	Audi	Arun	Botany	Audi
5	Akil	English		Akil	English	
4						
3	Anu		Benz	Anu		Benz
2						
1	Aakash			Arjun		

Case 2 is not valid, because

- Aadhi, who has BMW, lives two floor below of Arjun, who likes GK.

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Case 1				Case 2		
Floor	Person	Subject	Car	Person	Subject	Car
10						
9	Arjun	GK		Aakash		
8	Anbu	Ethics		Anbu	Ethics	
7	Aadhi		BMW			
6	Arun	Botany	Audi	Arun	Botany	Audi
5	Akil	English		Akil	English	
4						
3	Anu		Benz	Anu		Benz
2						
1	Aakash			Arjun		

- No one lives above of one who likes Physics and below of one who has TVS.

Floor	Person	Subject	Car
10		Physics	
9	Arjun	GK	
8	Anbu	Ethics	
7	Aadhi		BMW
6	Arun	Botany	Audi
5	Akil	English	
4			
3	Anu		Benz
2			
1	Aakash		TVS

- Ajay lives below of Abi, who has Suzuki.
- Ajay lives not immediate neighbour of one who has TVS and who has Ford.

Floor	Person	Subject	Car
10	Abi	Physics	Suzuki
9	Arjun	GK	
8	Anbu	Ethics	
7	Aadhi		BMW
6	Arun	Botany	Audi
5	Akil	English	
4	Ajay		Ford
3	Anu		Benz
2	Amir		
1	Aakash		TVS

- One who like Zoology lives immediately above of one who likes Hindi, who lives in the odd numbered floor.

Case 1				Case 2		
Floor	Person	Subject	Car	Person	Subject	Car
10	Abi	Physics	Suzuki	Abi	Physics	Suzuki
9	Arjun	GK		Arjun	GK	
8	Anbu	Ethics		Anbu	Ethics	
7	Aadhi		BMW	Aadhi		BMW
6	Arun	Botany	Audi	Arun	Botany	Audi
5	Akil	English		Akil	English	
4	Ajay	Zoology	Ford	Ajay		Ford
3	Anu	Hindi	Benz	Anu		Benz
2	Amir			Amir	Zoology	
1	Aakash		TVS	Aakash	Hindi	TVS

Case 2 is not valid, because

- Neither Aakash nor Amir likes Zoology and Tamil.

SBI Clerk/ RBI Assist. Mains – Reasoning

- One who like Maths and one who has Honda live immediate floors.

Case 1				Case 2		
Floor	Person	Subject	Car	Person	Subject	Car
10	Abi	Physics	Suzuki	Abi	Physics	Suzuki
9	Arjun	GK		Arjun	GK	
8	Anbu	Ethics		Anbu	Ethics	
7	Aadhi	Tamil	BMW	Aadhi		BMW
6	Arun	Botany	Audi	Arun	Botany	Audi
5	Akil	English		Akil	English	
4	Ajay	Zoology	Ford	Ajay		Ford
3	Anu	Hindi	Benz	Anu		Benz
2	Amir	economy	Honda	Amir	Zoology	
1	Aakash	Maths	TVS	Aakash	Hindi	TVS

- Number of person live between one who has Honda and Volvo as same as number of person live between one who has Tata and Volvo.

Hence, Final arrangement as follows

Floor	Person	Subject	Car
10	Abi	Physics	Suzuki
9	Arjun	GK	Jeep
8	Anbu	Ethics	Tata
7	Aadhi	Tamil	BMW
6	Arun	Botany	Audi
5	Akil	English	Volvo
4	Ajay	Zoology	Ford
3	Anu	Hindi	Benz
2	Amir	economy	Honda
1	Aakash	Maths	TVS

Answers:

- 16) B
- 17) A
- 18) E
- 19) A
- 20) C

Solution (16-20):

- B, who is a Teacher, lives two floor above of R, who likes tennis and B is not in the top floor.
- Five floor are between R and P, who is Manager and live in the odd numbered floor.

SBI Clerk/ RBI Assist. Mains – Reasoning

Case 1

Floor	Person	profession	Sports	Person	profession	Sports
9	P	Manager				
8						
7				P	Manager	
6						
5	B	Teacher				
4						
3	R		Tennis	B	Teacher	
2						
1				R		Tennis

Case 2

Case 2 is not valid, because

- Less than two person live above of P, who lives three floor away from one who like Cricket.

Case 1

Floor	Person	profession	Sports	Person	profession	Sports
9	P	Manager				
8						
7				P	Manager	
6			Cricket			
5	B	Teacher				
4						
3	R		Tennis	B	Teacher	
2						
1				R		Tennis

Case 2

- Two person live between A and K, who is an Engineer and lives below of Teacher but live in the even numbered floor.

Case 1

Floor	Person	profession	Sports	Person	profession	Sports
9	P	Manager		P	Manager	
8						
7	A					
6			Cricket			Cricket
5	B	Teacher		B	Teacher	
4	K	Engineer		K	Engineer	
3	R		Tennis	R		Tennis
2						
1				A		

Case 2

- Police lives three floor away from Q, who is a Doctor.
- Two person live between Doctor and one who like football, who lives immediate floor of Director.

Case 1

Floor	Person	profession	Sports	Person	profession	Sports
9	P	Manager	Football	P	Manager	Football
8		Director			Director	
7	A					
6	Q	Doctor	Cricket	Q	Doctor	Cricket
5	B	Teacher		B	Teacher	
4	K	Engineer		K	Engineer	
3	R	Police	Tennis	R	Police	Tennis
2						
1				A		

Case 2

- Number of person live between B and L as same as number of person live between B and Dancer.

Case 1

Floor	Person	profession	Sports	Person	profession	Sports
9	P	Manager	Football	P	Manager	Football
8	L	Director		L	Director	
7	A					
6	Q	Doctor	Cricket	Q	Doctor	Cricket
5	B	Teacher		B	Teacher	
4	K	Engineer		K	Engineer	
3	R	Police	Tennis	R	Police	Tennis
2		Dancer			Dancer	
1				A		

Case 2

- Neither C nor L is police and Lawyer.
- Number of person live between C and one who like Volleyball is one less than number of person live between one who like badminton and C, who lives in the even numbered floor.

SBI Clerk/ RBI Assist. Mains – Reasoning

Case 1				Case 2		
Floor	Person	profession	Sports	Person	profession	Sports
9	P	Manager	Football	P	Manager	Football
8	L	Director		L	Director	
7	A			J		
6	Q	Doctor	Cricket	Q	Doctor	Cricket
5	B	Teacher		B	Teacher	
4	K	Engineer	Badminton	K	Engineer	Badminton
3	R	Police	Tennis	R	Police	Tennis
2	C	Dancer		C	Dancer	
1	J		Volleyball	A		Volleyball

Case 2 is not valid, because

- J, who is a lawyer, lives below of one who like badminton.

Case 1				Case 2		
Floor	Person	profession	Sports	Person	profession	Sports
9	P	Manager	Football	P	Manager	Football
8	L	Director		L	Director	
7	A	Singer		J		
6	Q	Doctor	Cricket	Q	Doctor	Cricket
5	B	Teacher		B	Teacher	
4	K	Engineer	Badminton	K	Engineer	Badminton
3	R	Police	Tennis	R	Police	Tennis
2	C	Dancer		C	Dancer	
1	J	Lawyer	Volleyball	A		Volleyball

- One who like Volleyball and badminton live not in the immediate floor.
- One who like Chess lives two floor below of one who like Sprint. One who like Snooker lives in the even numbered floor but above Singer.

Hence, Final arrangement as follows

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For Bank Clerk/ PO Mains Exams

Floor	Person	profession	Sports
9	P	Manager	Football
8	L	Director	Snooker
7	A	Singer	Sprint
6	Q	Doctor	Cricket
5	B	Teacher	Chess
4	K	Engineer	Badminton
3	R	Police	Tennis
2	C	Dancer	Squash
1	J	Lawyer	Volleyball

Answers:

- 21) B
- 22) C
- 23) D
- 24) D
- 25) B

Solution (21-25):

- Two person were born between D and R, who is elder than D.
- Five person were born between D and A, who was born in the leap year and born in France.

SBI Clerk/ RBI Assist. Mains – Reasoning

Case 1

Case 2

Year	Age	Person	Country	Person	Country
1959	61				
1963	57				
1968	52	A	France	R	
1971	49				
1975	45				
1978	42	R		D	
1979	41				
1981	39				
1989	31	D			
1995	25				
2006	14				
2012	8			A	France

- Number of person were born before R as same as number of person were born after C, who was born in Kenya.

Case 1

Case 2

Year	Age	Person	Country	Person	Country
1959	61				
1963	57				
1968	52	A	France	R	
1971	49				
1975	45				
1978	42	R		D	
1979	41	C	Kenya		
1981	39				
1989	31	D			
1995	25			C	Kenya
2006	14				
2012	8			A	France

Case 2 is not valid, because

- Sum of the age of A and W is one year less than age of one who born in Russia.

→ Age of A+W=Age of one who born in Russia -1

Hence, $52+8=61-1$

So, Age of A=52/8 and W=52/8

Case 1

Case 2

Year	Age	Person	Country	Person	Country
1959	61		Russia		
1963	57				
1968	52	A	France	R	
1971	49				
1975	45				
1978	42	R		D	
1979	41	C	Kenya		
1981	39				
1989	31	D			
1995	25			C	Kenya
2006	14				
2012	8	W		A	France

- Two person were born between Z and B, who was born in UK and B, who is the age multiple of 5.

→ Age of B=multiple of 5 (25, 45)

Case 1

Case 2

Year	Age	Person	Country	Person	Country
1959	61		Russia		Russia
1963	57	Z			
1968	52	A	France	A	France
1971	49				
1975	45	B	UK	B	UK
1978	42	R		R	
1979	41	C	Kenya	C	Kenya
1981	39			Z	
1989	31	D		D	
1995	25				
2006	14				
2012	8	W		W	

- One who born in Russia is four years elder than Z, who was born in Malaysia.

SBI Clerk/ RBI Assist. Mains – Reasoning

Case 1

Case 2

Year	Age	Person	Country	Person	Country
1959	61		Russia		Russia
1963	57	Z	Malaysia		
1968	52	A	France	A	France
1971	49				
1975	45	B	UK	B	UK
1978	42	R		R	
1979	41	C	Kenya	C	Kenya
1981	39			Z	
1989	31	D		D	
1995	25				
2006	14				
2012	8	W		W	

- Number of person were born between B and Q as same as number of person were born between Q and one who born in India.

Year	Age	Person	Country
1959	61		Russia
1963	57	Z	Malaysia
1968	52	A	France
1971	49		
1975	45	B	UK
1978	42	R	
1979	41	C	Kenya
1981	39	Q	
1989	31	D	
1995	25		
2006	14		India
2012	8	W	

- S, who was born in Japan, is younger than U and elder than V, who is the age of perfect square.

→ Age of V = perfect Square (25)

Year	Age	Person	Country
1959	61	U	Russia
1963	57	Z	Malaysia
1968	52	A	France
1971	49	S	Japan
1975	45	B	UK
1978	42	R	
1979	41	C	Kenya
1981	39	Q	
1989	31	D	
1995	25	V	
2006	14	P	India
2012	8	W	

- Sum of the age of one who born in Kenya and Pakistan is multiple age of one who born in USA.

→ Age of one who born in Kenya + Pakistan = Multiple of Age of one who born in USA

Hence, $41 + 39 = 80$ / $41 + 31 = 72$ (because both multiple of 8)

SBI Clerk/ RBI Assist. Mains – Reasoning

Case 1

Case 2

Year	Age	Person	Country	Person	Country
1959	61	U	Russia	U	Russia
1963	57	Z	Malaysia	Z	Malaysia
1968	52	A	France	A	France
1971	49	S	Japan	S	Japan
1975	45	B	UK	B	UK
1978	42	R		R	
1979	41	C	Kenya	C	Kenya
1981	39	Q	Pakistan	Q	
1989	31	D		D	Pakistan
1995	25	V		V	
2006	14	P	India	P	India
2012	8	W	USA	W	USA

- Sum of the age of one who born in Singapore and one who born in China is one year less than age of one who born in Malaysia.
- One who born in China is elder than USA and Younger than one who born in Singapore.

→ Age of one who born in Singapore + China = age of one who born in Malaysia – 1

Hence, $31 + 25 = 57 - 1$

So, Age of D = 31, Z = 57 and V = 25

Singapore

China

USA

Case 1

Case 2

Year	Age	Person	Country	Person	Country
1959	61	U	Russia	U	Russia
1963	57	Z	Malaysia	Z	Malaysia
1968	52	A	France	A	France
1971	49	S	Japan	S	Japan
1975	45	B	UK	B	UK
1978	42	R	Finland	R	
1979	41	C	Kenya	C	Kenya
1981	39	Q	Pakistan	Q	
1989	31	D	Singapore	D	Pakistan
1995	25	V	China	V	
2006	14	P	India	P	India
2012	8	W	USA	W	USA

Hence, Final arrangement as follows

Year	Age	Person	Country
1959	61	U	Russia
1963	57	Z	Malaysia
1968	52	A	France
1971	49	S	Japan
1975	45	B	UK
1978	42	R	Finland
1979	41	C	Kenya
1981	39	Q	Pakistan
1989	31	D	Singapore
1995	25	V	China
2006	14	P	India
2012	8	W	USA

Answers:

26) C

SBI Clerk/ RBI Assist. Mains – Reasoning

- 27) B
28) C
29) C
30) D

Solution (26-30):

- Four person were born between C and N, who has completed B.E and born in the leap year.
- Less than three person were born after C, who is the age multiple of prime number.

Case 1 Case 2

Year	Age	Person	Degree	Person	Degree
1962	58				
1969	51				
1972	48	N	B.E		
1981	39				
1984	36			N	B.E
1990	30				
1993	27				
1998	22	C			
2004	16				
2009	11			C	

- Two person were born between N and S, who is younger than N.

Case 1 Case 2

Year	Age	Person	Degree	Person	Degree
1962	58				
1969	51				
1972	48	N	B.E		
1981	39				
1984	36			N	B.E
1990	30	S			
1993	27				
1998	22	C		S	
2004	16				
2009	11			C	

- Difference between the year of S and L is number of perfect square.

→ Difference of the age of S+L= Perfect Square (9, 36)

Hence, 39-30= 9 / 58-22= 36

Case 1 Case 2

Year	Age	Person	Degree	Person	Degree
1962	58			L	
1969	51				
1972	48	N	B.E		
1981	39	L			
1984	36			N	B.E
1990	30	S			
1993	27				
1998	22	C		S	
2004	16				
2009	11			C	

SBI Clerk/ RBI Assist. Mains – Reasoning

Case 2 is not valid, because

- Sum of the age of L and age of one who has M.S degree is one year less than age of A, who was born immediately before N.

→ Age of L + one who has M.S = age of A - 1

Hence, $39 + 11 = 51 - 1$

So, age of L = 39, A = 51 and M.S = 11

Case 1

Case 2

Year	Age	Person	Degree	Person	Degree
1962	58			L	
1969	51	A			
1972	48	N	B.E		
1981	39	L			
1984	36			N	B.E
1990	30	S			
1993	27				
1998	22	C		S	
2004	16				
2009	11		M.S	C	

- One person was born between K and T, who is the age of perfect square and has completed B.Com.

→ Age of T = Perfect Square (16, 36)

Case 1

Case 2

Year	Age	Person	Degree	Person	Degree
1962	58				
1969	51	A		A	
1972	48	N	B.E	N	B.E
1981	39	L		L	
1984	36			T	B.Com
1990	30	S		S	
1993	27	K		K	
1998	22	C		C	
2004	16	T	B.Com		
2009	11		M.S		M.S

Case 2 is not valid, because

- One who has MBA degree was born in the leap year but not younger than C.
- Neither M nor J has MBA and M.Sc degree.

Case 1

Case 2

Year	Age	Person	Degree	Person	Degree
1962	58				
1969	51	A		A	
1972	48	N	B.E	N	B.E
1981	39	L		L	
1984	36	B	MBA	T	B.Com
1990	30	S		S	
1993	27	K		K	
1998	22	C		C	
2004	16	T	B.Com		
2009	11		M.S		M.S

SBI Clerk/ RBI Assist. Mains – Reasoning

- One who has MCA degree was born after L, who has completed B.Ed but born after S.

Case 1

Case 2

Year	Age	Person	Degree	Person	Degree
1962	58				
1969	51	A		A	
1972	48	N	B.E	N	B.E
1981	39	L	B.Ed	L	
1984	36	B	MBA	B	MBA
1990	30	S		S	
1993	27	K	MCA	K	
1998	22	C		C	
2004	16	T	B.Com	T	B.Com
2009	11		M.S		M.S

Case 2 is not valid, because

- Number of person were born between one who has MBBS and MCA as same as number of person were born between one who has B.A and one who has M.Sc, who was born before N.

Case 1

Case 2

Year	Age	Person	Degree	Person	Degree
1962	58		MBBS		
1969	51	A	M.Sc	A	
1972	48	N	B.E	N	B.E
1981	39	L	B.Ed	L	
1984	36	B	MBA	B	MBA
1990	30	S	LLB	S	
1993	27	K	MCA	K	
1998	22	C	B.A	C	
2004	16	T	B.Com	T	B.Com
2009	11		M.S		M.S

- More than three person were born between one who has LLB and M.

Hence, Final arrangement as follows

Year	Age	Person	Degree
1962	58	M	MBBS
1969	51	A	M.Sc
1972	48	N	B.E
1981	39	L	B.Ed
1984	36	B	MBA
1990	30	S	LLB
1993	27	K	MCA
1998	22	C	B.A
2004	16	T	B.Com
2009	11	J	M.S

Answers:

SBI Clerk/ RBI Assist. Mains – Reasoning

- 31) B
32) C
33) A
34) D
35) C

Solution (31-35):

- Less than two person senior to Raghavan, who likes Tamil.
- Five person work between Raghavan and one who like Maths, who is junior to Raghavan.

Case 1

Case 2

Profession	Person	Subject	Person	Subject
CM			Raghavan	Tamil
CR	Raghavan	Tamil		
VC				
PL				
VP				
HD				
PR				Maths
AP		Maths		
TE				
CL				

Case 2 is not valid, because

- **Rajan is two position away from Ravi, who is VC.**

Case 1

Case 2

Case 3

Profession	Person	Subject	Person	Subject	Person	Subject
CM			Raghavan	Tamil	Rajan	
CR	Raghavan	Tamil			Raghavan	Tamil
VC	Ravi		Ravi		Ravi	
PL						
VP	Rajan		Rajan			
HD						
PR				Maths		
AP		Maths				Maths
TE						
CL						

Case 2 is not valid, because

- **Number of person rank before Ravi as same as number of person Ran after Rishi, who likes Maths.**

Case 1

Case 2

Case 3

Profession	Person	Subject	Person	Subject	Person	Subject
CM			Raghavan	Tamil	Rajan	
CR	Raghavan	Tamil			Raghavan	Tamil
VC	Ravi		Ravi		Ravi	
PL						
VP	Rajan		Rajan			
HD						
PR				Maths		
AP	Rishi	Maths			Rishi	Maths
TE						
CL						

- **Rajan, one who like Zoology is two position senior to one who like History.**

SBI Clerk/ RBI Assist. Mains – Reasoning

Case 1

Case 3

Profession	Person	Subjec	Person	Subject
CM			Rajan	Zoology
CR	Raghavan	Tamil	Raghavan	Tamil
VC	Ravi		Ravi	History
PL				
VP	Rajan	Zoology		
HD				
PR		History		
AP	Rishi	Maths	Rishi	Maths
TE				
CL				

Case 3 is not valid, because

- One who like Zoology is senior to Rishi and Junior to Ravi.

Case 1

Case 3

Profession	Person	Subjec	Person	Subject
CM			Rajan	Zoology
CR	Raghavan	Tamil	Raghavan	Tamil
VC	Ravi		Ravi	History
PL				
VP	Rajan	Zoology		
HD				
PR		History		
AP	Rishi	Maths	Rishi	Maths
TE				
CL				

- Number of person work before Revathi as same as number of person work after Ram, who is Junior to one who like Zoology.

Case 1

Case 2

Profession	Person	Subjec	Person	Subjec
CM			Revathi	
CR	Raghavan	Tamil	Raghavan	Tamil
VC	Ravi		Ravi	
PL	Revathi			
VP	Rajan	Zoology	Rajan	Zoology
HD				
PR	Ram	History		History
AP	Rishi	Maths	Rishi	Maths
TE				
CL			Ram	

- Two person work between one who like Polity and one who like History, who is senior to Polity.

SBI Clerk/ RBI Assist. Mains – Reasoning

Case 1

Case 2

Profession	Person	Subjec	Person	Subjec
CM			Revathi	
CR	Raghavan	Tamil	Raghavan	Tamil
VC	Ravi		Ravi	
PL	Revathi			
VP	Rajan	Zoology	Rajan	Zoology
HD				
PR	Ram	History		History
AP	Rishi	Maths	Rishi	Maths
TE				
CL		Polity	Ram	Polity

Case 2 is not valid, because

- TE, who likes Botany is junior to Roja and Rekha but senior to Rooban.

Case 1

Case 2

Profession	Person	Subjec	Person	Subjec
CM			Revathi	
CR	Raghavan	Tamil	Raghavan	Tamil
VC	Ravi		Ravi	
PL	Revathi			
VP	Rajan	Zoology	Rajan	Zoology
HD				
PR	Ram	History		History
AP	Rishi	Maths	Rishi	Maths
TE	Raghu	Botany		
CL	Rooban	Polity	Ram	Polity

- Neither HD nor PL likes History and CA.

- One who likes English is junior to one who likes CA.
- Two persons work between one who likes GK and Roja, who likes English.

Hence, Final arrangement as follows

Profession	Person	Subjec
CM	Rekha	CA
CR	Raghavan	Tamil
VC	Ravi	GK
PL	Revathi	Hindi
VP	Rajan	Zoology
HD	Roja	English
PR	Ram	History
AP	Rishi	Maths
TE	Raghu	Botany
CL	Rooban	Polity

Answers:

36) C

37) B

38) D

39) C

40) A

Solution (36-40):

- Z was born after Y, who likes Green colour and who was born in the month of below 31 days.
- Four persons were born between Y and Z, who was born in Kolkata.

SBI Clerk/ RBI Assist. Mains – Reasoning

Case 1

Case 2

Month	Person	Place	Colour	Person	Place	Colour
January						
February	Y		Green			
April						
May				Y		Green
July						
August						
September	Z	Kolkata				
October						
November				Z	Kolkata	
December						

Case 2 is not valid, because

- Two person were born between one who born in Mumbai and one who born in Kolkata, who is elder than more than two person.

Case 1

Case 2

Month	Person	Place	Colour	Person	Place	Colour
January						
February	Y		Green	Y		Green
April						
May					Mumbai	
July						
August						
September	Z	Kolkata		Z	Kolkata	
October						
November						
December		Mumbai				

Case is not valid, because

- Number of person were born before one who born in Mumbai as same as number of person were born after Q, who likes Black.

Case 1

Case 2

Month	Person	Place	Colour	Person	Place	Colour
January	Q		Black			
February	Y		Green	Y		Green
April						
May					Mumbai	
July						
August						
September	Z	Kolkata		Z	Kolkata	
October						
November						
December		Mumbai				

- M was born before Z and likes Cyan but born in the month of below 31 days.
- W was exactly born between M and X, who was born in Kochin.

Case 1

Case 2

Month	Person	Place	Colour	Person	Place	Colour
January	Q		Black	Q		Black
February	Y		Green	Y		Green
April	M			M		
May				W		
July				X	Kochin	
August	W					
September	Z	Kolkata		Z	Kolkata	
October						
November	X	Kochin				
December		Mumbai			Mumbai	

- One person was born between O and W, who likes Yellow.

SBI Clerk/ RBI Assist. Mains – Reasoning

Case 1

Month	Person	Place	Colour	Person	Place	Colour
January	Q		Black	Q		Black
February	Y		Green	Y		Green
April	M			M		
May				W		Yellow
July				X	Kochin	
August	W		Yellow	O		
September	Z	Kolkata		Z	Kolkata	
October	O					
November	X	Kochin				
December		Mumbai			Mumbai	

Case 2

Month	Person	Place	Colour	Person	Place	Colour
January	Q		Black	Q		Black
February	Y		Green	Y		Green
April	M			M		
May				W		Yellow
July				X	Kochin	
August	W		Yellow	O		
September	Z	Kolkata		Z	Kolkata	
October	O	Bangalore				
November	X	Kochin				
December	P	Mumbai			Mumbai	

Case 2 is not valid, because

- O, who was born in Bangalore and P were born in the month of 31 days and P was born after O.

- R, who was born in Goa, is three months younger than one who born in Delhi.

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Case 1

Month	Person	Place	Colour	Person	Place	Colour
January	Q		Black	Q		Black
February	Y	Delhi	Green	Y		Green
April	M			M	Delhi	
May	R	Goa		N		
July	N			R	Goa	
August	W		Yellow	W		Yellow
September	Z	Kolkata		Z	Kolkata	
October	O	Bangalore		O	Bangalore	
November	X	Kochin		X	Kochin	
December	P	Mumbai		P	Mumbai	

Case 2

- One who was born between one who like Silver and N, who likes Gold and not born in Patna.

Case 2 is not valid, because

SBI Clerk/ RBI Assist. Mains – Reasoning

Case 1

Month	Person	Place	Colour
January	Q		Black
February	Y	Delhi	Green
April	M		
May	R	Goa	
July	N		Gold
August	W		Yellow
September	Z	Kolkata	Silver
October	O	Bangalore	
November	X	Kochin	
December	P	Mumbai	

Case 2

Month	Person	Place	Colour
January	Q	Patna	Black
February	Y	Delhi	Green
April	M	Haryana	Cyan
May	R	Goa	White
July	N	Panjab	Gold
August	W	Chennai	Yellow
September	Z	Kolkata	Silver
October	O	Bangalore	Red
November	X	Kochin	Orange
December	P	Mumbai	Blue

- One person was born between one who born in panjab and one who born in Haryana.
- Neither M nor W was born in Panjab and Patna.

Month	Person	Place	Colour
January	Q	Patna	Black
February	Y	Delhi	Green
April	M	Haryana	Cyan
May	R	Goa	
July	N	Panjab	Gold
August	W	Chennai	Yellow
September	Z	Kolkata	Silver
October	O	Bangalore	
November	X	Kochin	
December	P	Mumbai	

- One who like Red was born after White and before Orange, who was born in the month of 30 days

Answers:

- 41) B
- 42) C
- 43) D
- 44) A
- 45) A

Solution (41-45):

- Five person have exam between R and O, who has NTPC exam and who has exam in the month of 31 days.
- One person has exam between R and one who has UPSC exam, who has exam before R.

Hence, Final arrangement as follows

SBI Clerk/ RBI Assist. Mains – Reasoning

Case 1

Month	Person	Exam	Marks	Person	Exams	Marks
January	O	NTPC				
March				O	NTPC	
April						
June						
July		UPSC				
August					UPSC	
September	R					
October				R		
November						

- One who has Bank exam is conduct three months before of UPSC exam and which exam has lowest mark.

➔Marks of Bank exam= Lowest (75)

Case 1

Month	Person	Exam	Marks	Person	Exams	Marks
January	O	NTPC				
March		Bank	75	O	NTPC	
April					Bank	75
June						
July		UPSC				
August					UPSC	
September	R					
October				R		
November						

Case 2 is not valid, because

- Number of person have exam before one who has bank exam as same as number of person have exam after M, who has exam marks four times marks of TNPSC exam and who has exam after R.

➔Marks of exam M= 4 times mark of TnpSC Exam
 $(250 \times 4 = 1000 / 100 \times 4 = 400 / 150 \times 4 = 600)$

Case 1

Month	Person	Exam	Marks	Person	Exams	Marks
January	O	NTPC				
March		Bank	75	O	NTPC	
April					Bank	75
June						
July		UPSC				
August					UPSC	
September	R					
October	M			R		
November						

- Three person have exam between A and C, who has TNPSC exam.

Case 1

Month	Person	Exam	Marks	Person	Exam	Marks
January	O	NTPC		O	NTPC	
March	A	Bank	75		Bank	75
April						
June						
July		UPSC		A	UPSC	
August	C	TNPSC				
September	R			R		
October	M			M		
November				C	TNPSC	

Case 2 is not valid, because

- Neither A nor P has UPSC exam and Army exam.
- Sum of the exam marks of UPSC and SSC as same as marks of M, who has JEE exam.

➔Marks of UPSC+ SSC= JEE (1000, 400, 400)
 $(600+400=1000 / 150+250=400 / 400+200=600)$

SBI Clerk/ RBI Assist. Mains – Reasoning

Case 1

Case 2

Month	Person	Exam	Marks	Person	Exam	Marks
January	O	NTPC		O	NTPC	
March	A	Bank	75		Bank	75
April						
June						
July		UPSC		A	UPSC	
August	C	TNPSC				
September	R			R		
October	M	JEE		M		
November				C	TNPSC	

- Number of person has exam between one who has NTPC and Q as same as number of person have exam between Q and N, who has exam mark multiple of Bank exam mark.

→ Marks of exam N = multiple of 75 (150, 300, 600)

Case 1

Case 2

Month	Person	Exam	Marks	Person	Exam	Marks
January	O	NTPC		O	NTPC	
March	A	Bank	75	A	Bank	75
April				Q		
June						
July	Q	UPSC		N	UPSC	
August	C	TNPSC		C	TNPSC	
September	R			R		
October	M	JEE		M	JEE	
November	N					

- Two person have exam between one who has Army exam and Police exam, who has exam in the month of 30 days but after TNPSC exam.

Case 1

Case 2

Month	Person	Exam	Marks	Person	Exam	Marks
January	O	NTPC		O	NTPC	
March	A	Bank	75	A	Bank	75
April				Q		
June		Army			Army	
July	Q	UPSC		N	UPSC	
August	C	TNPSC		C	TNPSC	
September	R	Police		R	Police	
October	M	JEE		M	JEE	
November	N					

Case 2 is not valid, because

- Marks ratio of UPSC and SSC is 3:2 respectively and N attends the exam in the month of 30 days.

→ Marks of UPSC: SSC = 3:2

Hence, 600:400

So, Marks of UPSC = 600 and SSC = 400

→ Based on the above JEE = 1000 and TNPSC = 250

Case 1

Case 2

Month	Person	Exam	Marks	Person	Exam	Marks
January	O	NTPC		O	NTPC	
March	A	Bank	75	A	Bank	75
April	P	SSC	400	Q		
June	B	Army			Army	
July	Q	UPSC	600	N	UPSC	
August	C	TNPSC	250	C	TNPSC	
September	R	Police		R	Police	
October	M	JEE	1000	M	JEE	
November	N	RRB				

- Marks of Army exam is two times the marks of the Bank exam, which is higher than Marks of the NTPC.

Hence, Final arrangements as follows

SBI Clerk/ RBI Assist. Mains – Reasoning

Month	Person	Exam	Marks
January	O	NTPC	100
March	A	Bank	75
April	P	SSC	400
June	B	Army	150
July	Q	UPSC	600
August	C	TNPSC	250
September	R	Police	200
October	M	JEE	1000
November	N	RRB	300

Answers:

- 46) C
- 47) D
- 48) E
- 49) D
- 50) B

Solution (45-50):

- Three person attend the meeting between Kumar and Kanmani, who is the age multiple of 8 and attends the meeting after Kumar.
- Kumar attends the meeting two days away from one who has LLB degree.

→ Age of Kanmani = Multiple of 8 (24, 40)

Case 1				Case 2		
Days	Person	Age	Degree	Person	Age	Degree
Monday			LLB			
Tuesday						
Wednesday	Kumar			Kumar		
Thursday						
Friday						LLB
Saturday						
Sunday	Kanmani			Kanmani		

Case 3				Case 4		
Days	Person	Age	Degree	Person	Age	Degree
Monday				Kumar		
Tuesday	Kumar					
Wednesday						LLB
Thursday			LLB			
Friday				Kanmani		
Saturday	Kanmani					
Sunday						

Case 2, 3 and 4 are not valid, because

- More than two person attend the meeting between Kanmani and one who has LLB degree.

SBI Clerk/ RBI Assist. Mains – Reasoning

Case 1

Case 2

Days	Person	Age	Degree	Person	Age	Degree
Monday			LLB			
Tuesday						
Wednesday	Kumar			Kumar		
Thursday						
Friday						LLB
Saturday						
Sunday	Kanmani			Kanmani		

Case 3

Case 4

Days	Person	Age	Degree	Person	Age	Degree
Monday				Kumar		
Tuesday	Kumar					
Wednesday						LLB
Thursday			LLB			
Friday				Kanmani		
Saturday	Kanmani					
Sunday						

- Two person attend the meeting between one who has CA degree and Kavi, who attends the meeting before Kumar but not on Monday.

Days	Person	Age	Degree
Monday			LLB
Tuesday	Kavi		
Wednesday	Kumar		
Thursday			
Friday			CA
Saturday			
Sunday	Kanmani		

- One person attends the meeting between one who has MBA and Karna, who is the age multiple of 6.
- Neither Kumar nor Kanmani has degree of MBA and B.A.

→ Age of Karna = multiple of 6 (24)

So, Age of Kanmani = 40

Case 1

Case 2

Days	Person	Age	Degree	Person	Age	Degree
Monday			LLB			LLB
Tuesday	Kavi			Kavi		
Wednesday	Kumar			Kumar		
Thursday			MBA	Karna	24	
Friday			CA			CA
Saturday	Karna	24				MBA
Sunday	Kanmani	40		Kanmani	40	

Case 2 is not valid, because

- Karna attends the meeting immediately before one who has MCA degree.

Case 1

Case 2

Days	Person	Age	Degree	Person	Age	Degree
Monday			LLB			LLB
Tuesday	Kavi			Kavi		
Wednesday	Kumar			Kumar		
Thursday			MBA	Karna	24	
Friday			CA			CA
Saturday	Karna	24				MBA
Sunday	Kanmani	40	MCA	Kanmani	40	

- Sum of the age of Kalai and Kavi as same as the age of one who has MCA degree.

→ Age of Kalai + Kavi = Age of one who has MCA degree

Hence, $19 + 21 = 40$

So, Age of Kalai = 19/21 and Kavi = 19/21

SBI Clerk/ RBI Assist. Mains – Reasoning

Days	Person	Age	Degree
Monday			LLB
Tuesday	Kavi		
Wednesday	Kumar		
Thursday			MBA
Friday			CA
Saturday	Karna	24	
Sunday	Kanmani	40	MCA

- Number of person attend the meeting before one who has MBBS degree as same as number of person attend the meeting after Kiran, who is elder than Kumar.

→ Age of Kiran > Age of kumar

Days	Person	Age	Degree
Monday			LLB
Tuesday	Kavi		
Wednesday	Kumar		MBBS
Thursday			MBA
Friday	Kiran		CA
Saturday	Karna	24	
Sunday	Kanmani	40	MCA

- Karan attends the meeting before one who has B.A degree, who is the age of Prime number.

→ Age of Kavi = prime number = 19

Days	Person	Age	Degree
Monday	Karan		LLB
Tuesday	Kavi	19	B.A
Wednesday	Kumar		MBBS
Thursday	Kalai	21	MBA
Friday	Kiran		CA
Saturday	Karna	24	M.S
Sunday	Kanmani	40	MCA

- Sum of the age of Karan and Karna is the perfect square.

→ Age of Karna + Karan = perfect square

Hence, $24 + 25 = 49$

So, Age of Karan = 25

Hence, Final arrangement as follows

Days	Person	Age	Degree
Monday	Karan	25	LLB
Tuesday	Kavi	19	B.A
Wednesday	Kumar	29	MBBS
Thursday	Kalai	21	MBA
Friday	Kiran	34	CA
Saturday	Karna	24	M.S
Sunday	Kanmani	40	MCA

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Puzzle Profession

Directions (1-5): Read the following information carefully and answer the questions given beside.

Seven employees of an organization namely P to V belong to different ranks/roles in the hierarchy. Their designations (not necessarily in same order) in descending order are mentioned below:

Chairman > Managing Director > HOD> Senior Manager> Assistant Manager> Executive> Trainee

They wear shirts of different colors as per the dress code decided by organization's HR for each role. The one who is an Executive wears Orange shirt. R whose designation is higher than that of S and he wears Black shirt. The one who wears Pink shirt is three ranks higher than the one who wears Orange Shirt. U is Chairman and wears Beige Color shirt. The shirt worn by V is of Grey color. T is 2 ranks lower than U. The one having third lowest designation wears Brown shirt. Neither P nor Q wears Brown shirt. Senior Manager wears Blue shirt. V does not belong to the top three ranks.

1. What is the rank of P from Top as per given designation order?

- (a) 3
- (b) 4
- (c) 6
- (d) Either (b) or (c)
- (e) 2

2. The person whose designation is HOD wears which color shirt?

- (a) Brown
- (b) Blue
- (c) Orange
- (d) Black
- (e) Pink

3. If all the persons are arranged in alphabetical order from top to bottom with respect to designation order then T's designation is

- a. Managing Director
- b. HOD
- c. Senior Manager
- d. Assistant Manager
- e. Executive

4. How many people are there between the one who like Beige color and the one who like Orange color?

- (a) 3
- (b) 4
- (c) 6
- (d) 5
- (e) 2

5. If U related to 'Pink color' and R related to 'Blue color' then S related to which color?

- (a) Black
- (b) Grey
- (c) Brown
- (d) Orange
- (e) None of these

SBI Clerk/ RBI Assist. Mains – Reasoning

Directions (6-10): These questions are based on the following information.

P, Q, R, S, T, U, V and W are eight Employees working in three different Universities, Disha University, Arihant University, G.M. University and not more than three persons are working in the same University. Each of them has different designations viz. Director, Principal, Professor, Associate Professor, Assistant Professor, Lecturer, Lab Assistant and Librarian, not necessarily in the same order. Designation order is given in descending order. S works neither at Disha University nor works in the same university as U works at. R and U work in the same University and R designation is not 4th from bottom. Q is principal works at Arihant University and T is the only other person who works in Arihant University. Neither the Professor nor the Assistant Professor works in GM University. P designation is highest among them but does not work in G.M. University. Neither V nor W holds 4th rank designation from Top. U is a Lecturer and V is not least rank in designation.

6. Which among the following groups works in G.M. University?

- (a) Q, R, S
- (b) T, V, U
- (c) Q, S, T
- (d) P, S, R
- (e) V, W, S

7. Among the Following, Whose Designation is Librarian?

- (a) R
- (b) W
- (c) S
- (d) Q
- (e) None of these

8. Which among the following groups of Designations are from Disha University?

- (a) Associate Professor, Assistant Professor and Director
- (b) Principal, Professor-Librarian and Lab Assistant
- (c) Librarian, Lab-Assistant and Principal
- (d) Professor, Director and Lecturer
- (e) None of these

9. Four of the following five are alike in a certain way based on the given information and so form a group. Find the one which does not belong to the group.

- (a) Q - Principal
- (b) S - Professor
- (c) U- Assistant Professor
- (d) W- Lecturer
- (e) V-Librarian

10. Which among the following is True as per Given Information?

- (a) S- G.M.University - Professor
- (b) Q- ArihantUniversity –Lab Assistant
- (c) T – Arihant University – Assistant Professor
- (d) W-Disha University -Lab Assistant
- (e) None of these

SBI Clerk/ RBI Assist. Mains – Reasoning

Directions (11-15): These questions are based on the following information (fully modified)

Eight People A, B, C, D, E, F, G and H work in different Engineering department as HOD posts. Each of them had experience in their field of certain number of years, which was different for each of them. These years were among 27, 24, 20, 16, 14, 10, 8 and 3 (27 years experienced person is senior most person and 3 years experienced person is junior most person). Also it is known that different departments is Computer Science, Electronics, Civil, Mechanical, Electrical, I.T., Chemical, and Biotechnology but not in a same order.

Further it is known that G who had an experience more than B but less than C and is HOD of Chemical department. B had an experience of odd number of years. No one is there between the experience of H and F, who is not the HOD of Electrical department. Four persons are there between the experience of F and E. HOD of Electronics department is junior to the HOD of Computer department and both of their experiences are in multiple of 2. H had an experience of more than 20 years but not the highest. C who had 16 years of experience works as HOD of Civil department. The person who is HOD of Electrical department had an experience of 20 years. A had an experience less than D but more than G and E. HOD of Mechanical department is immediately senior to the HOD of Biotechnology department and difference between their experiences is not more than three years.

11. What is the experience of the person who is HOD of Chemical department?

- (a) 14
- (b) 10
- (c) 8
- (d) 20
- (e) None of these

12. What is the difference in the years of experience of the person who is HOD of Civil and Mechanical departments?

- (a) 7
- (b) 4
- (c) 13
- (d) 11
- (e) None of these

13. E is HOD of which department?

- (a) Computer Science
- (b) Electronics
- (c) Civil, Mechanical,
- (d) Electrical
- (e) Cannot be determined

14. Who is HOD of Computer Science Department?

- (a) B
- (b) C
- (c) A
- (d) E
- (e) None of the above

15. Which among the following pair is odd from the rest?

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- (a) F,27
- (b) H,24
- (c) G,8
- (d) D,20
- (e) B,10

Directions (16-20): These questions are based on the following information.

Seven persons namely L, M, N, O, P, Q and R working as a Trainee, AM(Assistant Manager), MGR(Manager), SM (Senior Manager), MD (Managing Director), CMD (Chief Managing Director), CEO(Chief Executive Officer) not in the same order in a Company. Each likes a different color namely Red, Green, Yellow, White, Blue, Black and Brown not in same order.

NOTE: positions are in the Ascending order of their experience. CEO is most experienced person and Trainee least experienced.

Only two persons senior to N. O does not like Yellow color. P is senior to the Person who likes White color who does not the least junior. CMD is junior to the Person who likes Black color. Person who likes Yellow color is senior to Q but junior to P. R is junior to P who is junior to MD. R is senior to Q who likes Blue color. M is senior to P but not the senior most. MD does not like Brown color. O is junior to R who is junior to L. MD is senior to the one who likes Green color.

16. Who among the following is CEO of the company?

- (a) P
- (b) M

- (c) The one who like black color
- (d) Q
- (e) None of these

17. Who among the following Green color?

- (a) R
- (b) P
- (c) L
- (d) Q
- (e) None of these

18. Which of the following color between O and P?

- (a) Green
- (b) Blue
- (c) Red
- (d) Yellow
- (e) None of these

19. How many persons is Senior to O?

- (a) Four
- (b) One
- (c) Three
- (d) More than four
- (e) None

20. Who among the following MD of the company?

- (a) Q
- (b) P
- (c) M
- (d) L
- (e) N

Directions (21-25): Study the following information carefully to answer the given questions:

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Six people from a college participated in a cultural event held in Indore. Each of these six people had different designations. The designation of these people in decreasing order is as Chairman, Dean, HOD, Professor, Asst. Professor and Lecturer. Each of them was an expert in different engineering branch. No one is older than 65years.

C is junior than F, who is not Dean. The one who is Dean is 5years younger than HOD. More than two persons are junior than A. Age of the one who is Lecturer is a perfect cube of an odd number. Age of the one who is Lecture is not less than 25years. B is Junior than D but senior than C. Age of the one who is HOD is just double the age of the one who is Lecturer. F is senior to E who is not Lecturer. D is not Professor. Age of the one who is Professor is a perfect square of number and 13years younger than D. The one who is Chairman is 11years older than the one who is HOD. D is senior to A. F' age is an odd number. E is 7years younger than D. B is 9years older than C.

21. Who among the following is HOD of the College?

- (a) F
- (b) D
- (c) The one who is 32years old
- (d) A
- (e) None of these

22. Who among the following is 65years old?

- (a) E
- (b) B

- (c) F
- (d) C
- (e) None of these

23. What is the age difference between B and E?

- (a) 22years
- (b) 23years
- (c) 24years
- (d) 25years
- (e) None of these

24. How many persons are junior to F?

- (a) Four
- (b) One
- (c) Three
- (d) Two
- (e) None of these

25. Who among the following Lecturer of the College?

- (a) A
- (b) C
- (c) D
- (d) E
- (e) None of these

Directions (26-30): Study the following information to answer the given questions:

There are six employees of a company and all of them are working on six different positions – AM (Assistant Manager), MG (Manager), DGM (Deputy General Manager), GM (General Manager), CGM (Chief General Manager), ED (Executive Director). The positions given are in increasing order of seniority. (AM is the least junior

SBI Clerk/ RBI Assist. Mains – Reasoning

and the ED is the most senior.). Each person likes different TV Channels and Weight of each person is different. M is senior to P, but the Weight of P is heavier than M. R likes Sony Channel and junior to N. Less than three person are senior to O. Weight of O is lighter than N but heavier than R. The one who likes Aajtak is senior to P but junior to the one who likes ABP channel. M does not like AAJTAK. P is not AM in the company. Weight of M is the lightest and he neither ED nor GM in the company. The Weight of the second lightest person is 171kg. The one who like Star is junior to the one who like ZEE. R is senior to Q. Weight of the R is not odd number. Weight of the one who is CGM of the company is lighter than R. Weight of the one who is AM is lighter than the one who is GM. R is junior to the one who like IBC24. Weight of the second Heaviest person is 184kg and O is not second Heaviest person. Weight of the one who likes ABP is less than the one who is AM. The one who likes ZEE is not DGM of the company. Q is not Heaviest person but heavier than P. O does not like Aajtak. M neither likes ZEE nor ABP.

26. The one who is CGM of the company likes which of the following TV Channels?

- (a) ABP
- (b) IBC24
- (c) ZEE
- (d) Star
- (e) None of these

27. Q likes which of the following TV Channels?

- (a) AAJTAK
- (b) Sony
- (c) Star
- (d) ZEE
- (e) None of these

28. What may be the height of R?

- (a) 173 kg
- (b) 184 kg
- (c) 170 kg
- (d) 185 kg
- (e) 186 kg

29. Who among the following is MG of the company?

- (a) The one who is just junior to Q
- (b) The one whose weight is more than R
- (c) The one who likes AAJTAK
- (d) The one who likes ABP
- (e) The one who likes ZEE

30. Which of the following statement is true about O?

- (a) O is junior to M
- (b) O likes IBC24
- (c) Weight of O is more than Q
- (d) Only three persons are lighter than R
- (e) None is true

Directions (31-35): Study the following information carefully and answer the Questions. (Partially modified)

Seven persons works in Police at different Ranks. Their ranks are C.P. (Commissioner of Police), D.C.P (Deputy Commissioner of Police), A.C.P (Assistant Commissioner

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of Police), P.I (Police Inspector), A.P.I (Assistant Police Inspector), S.I. (Sub Inspector), A.S.I (Assistant Sub Inspector), not necessarily in the same order. (Note: Rank decreases on moving from left to right). Each of them has different weight in kg viz, 41, 51, 44, 35, 57, 19 and 25, but not necessarily in the same order.

The one whose weight is 44 kg is either ACP or API. The rank of both J and N were lower than the person whose weight is 41 kg. Only three persons are there in ranks between the one whose weight is 44 kg and the one whose weight is 25 kg. Only two persons are there in ranks between J and the one whose weight is 35 kg who is senior to J. N is not the lightest. At least five people junior to K. J is just senior to N. M rank is immediately after the one whose weight is 35 kg. P is just senior to the one who is the second heaviest. Only one person is there in ranks between K and the person whose weight is 41 kg. Only two persons are there in ranks between M and L. One of the persons is O.

31. What is the weight of N?

- (a) 44
- (b) 35
- (c) 57
- (d) 25
- (e) 41

32. What is the rank of the person whose weight 44?

- (a) ACP
- (b) API
- (c) SI

(d) CP

(e) DCP

33. How many persons are there between the person whose rank is CP and the person whose weight is 51?

- (a) 3
- (b) 4
- (c) 2
- (d) 5
- (e) 1

34. If all the weight are arranged in increasing order from west to east then what is the weight of the person whose rank is P.I.?

- (a) 41
- (b) 44
- (c) 51
- (d) 57
- (e) 35

35. Difference of weight of the person whose rank is DCP and ASI is?

- (a) 29
- (b) 30
- (c) 31
- (d) 33
- (e) 38

Directions (36-40): Study the following information carefully and answer the Questions (fully blunder mistake and completely modified)

SBI Clerk/ RBI Assist. Mains – Reasoning

Each people P, Q, R, S, T, U, V and W works in the same office but in a different department on the basis of experience namely Research and Development (R&D), Public Relations (PR), Human Resources (HR), Quality Management (QM), Production (PO), Accounts (ACC), Marketing & Sales (M&S) and Administration (ADMIN) in the same order. Each person has been allocated to a department as per decreasing order of experience with the one in ADMIN being the least experienced while the one in R&D being the most experienced. They live in different cities of India like Raipur, Delhi, Mumbai, Chennai, Hyderabad, Bhopal, Pune and Indore (not necessarily in same order).

Three departments are there between the person who lives in Bhopal & U who is more experience than the person who lives in Bhopal. T's is more experience than the person who lives in Raipur. Neither the person who lives in Chennai nor the person who lives in Indore has most experience. W's is more experience than S but less experience than T. R & P lives in Hyderabad and Mumbai respectively. No person lies between V & R. Neither U nor Q lives in Pune. Neither W nor S lives in Raipur. Three person are there between P & the person who lives in Raipur. Q works in marketing & Sales department. Two person lies between U & T.. One person lies between T & the person who lives in Pune. V is less experience than P. The person who lives in Indore is more experienced than the person who lives in Chennai.

36. The person who lives in Pune works in which department?

- (a) HR
- (b) R&D
- (c) ACC
- (d) ADMIN
- (e) PR

37. How many persons are there between the person who works in HR department and Q?

- (a) 2
- (b) 3
- (c) 4
- (d) 5
- (e) 1

38. Which of the following combinations are true for V?

- (a) HR – Hyderabad
- (b) M&S - Raipur
- (c) ADMIN - Mumbai
- (d) PR - Chennai
- (e) ACC - Raipur

39. How many person have more experience than that the person who lives in Raipur?

- (a) 2
- (b) 3
- (c) 4
- (d) 5
- (e) 6

40. Four of the following five pairs are alike in a certain way based on their positions in the above arrangement and so form a group. Which of the following does not belong to the group?

- (a) U- Chennai
- (b) R – Indore
- (c) S - Bhopal
- (d) Q – Mumbai
- (e) T - Bhopal

Directions (41-45): Study the following information carefully and answer the Questions

Seven Person namely L, M, N, O, P, Q and R are works in different specialization of different hospitals namely Apollo Hospitals, Care Hospitals, Fortis Hospitals, Mittal Hospitals, Narayana Health, Vasana Healthcare, Wockhard Hospitals but not necessarily in the same order. Each doctor works in the different hospitals but in a different specialization department on the basis of experience namely Accident and emergency (A&E), Physiotherapy, Cardiology, Gynecology, Nephrology, Neurology and Radiology, in the same order. Each person has been allocated to a department as per increasing order of experience with the one in Accident and emergency (A&E) being the least experienced while the one in Radiology being the most experienced.

Only one person has less experience than Q. The one who has less experience than Q works for Care Hospital. Only one person has more experience than L. The one who is specialized in neurology works for Forties hospital. Only

two people have more experience than the one who works for Vasana healthcare. R works for Narayana health and has more experience than the one who works for Vasana healthcare. O has less experience than the one is specialized in Gynecology, but more experience than the one who works for Apollo hospital. P neither has the least experience nor did he specialize in Nephrology. M is not specialized in Nephrology. The one who works for wockhard hospital not specialized of Gynecology.

41. Which of the following is Cardiology Specialist?

- (a) L
- (b) M
- (c) N
- (d) Q
- (e) O

42. Person who works for Fortis Hospital is specialized in which department?

- (a) Radiology
- (b) Gynecology
- (c) Neurology
- (d) Nephrology
- (e) Cardiology

43. Person who works for Vasana Healthcare is experienced than how many persons?

- (a) 1
- (b) 3
- (c) 4
- (d) 2
- (e) 5

SBI Clerk/ RBI Assist. Mains – Reasoning

44. Which of the following hospitals doctor is most experience?

- (a) Fortis
- (b) Apollo
- (c) Mittal
- (d) Narayana
- (e) Vasan

45. How many person are their between the L and the person who is specialist of Cardiology?

- (a) 2
- (b) 3
- (c) 1
- (d) 4
- (e) 5

Directions (46-50): Study the following information carefully to answer the given questions:

P, Q, R, S, T and U work in Army at different levels. Their ranks are General, Brigadier, Colonel, Major, Captain and Lieutenant. (Note: Rank decreasing on moving from left to right). They like different movies URI, MangalPandey, Border, Raazi, Fauji and Airlift.

Only four persons are Rank lies above Q. Only Three persons rank below the likes MangalPandey. U does not hold lowest Rank but Rank below to the one who likes Airlift. The person who is General rank does not like Airlift. S Rank is not below the one who likes Fauji. T does not like URI. R has lower Rank than Colonal. Neither U nor P likes Raazi. More than two persons Rank's below the one who likes Raazi. The one who likes Fauji is not

Caption but rank above to the one who likes Border. P's Rank is above the one who likes MangalPandey. R's rank below P but rank above to the one who likes Border.

46. Which if the following Movie Liked by T?

- (a) MangalPndey
- (b) URI
- (c) Fuji
- (d) Razzi
- (e) Border

47. Who among the following likes Border?

- (a) P
- (b) U
- (c) T
- (d) S
- (e) Cannot be Determined

48. How many persons are junior to the person who like Airlift?

- (a) One
- (b) Two
- (c) Three
- (d) More than three
- (e) None of these

49. The one who's Rank Is Brigadier like which among the following Movie?

- (a) URI
- (b) Razzi
- (c) Airlift
- (d) Fauji
- (e) None of these

50. Who among the following is just junior to P?

- (a) T
- (b) S

- (c) Q
- (d) R
- (e) U

Puzzle Profession- Answer and Explanation

SOLUTION(1-5):

Chairman > Managing Director > HOD> Senior Manager > Assistant Manager > Executive > Trainee

Explanation in detail:

- 1. The one who is an Executive wears Orange shirt.
- 2. U is Chairman and wears Beige Color shirt.
- 3. T is 2 ranks lower than U.

- 4. The one having third lowest designation wears Brown shirt.
- 5. The one who wears Pink shirt is three ranks higher than the one who wears Orange Shirt
- 6. Senior Manager wears Blue shirt

Designations	Employees	Shirt Color
Chairman	U	Beige
Managing Director		
HOD	T	Pink
Senior Manager		Blue
Assistant Manager		Brown
Executive		Orange
Trainee		

- 7. The shirt worn by V is of Grey color.
- 8. V does not belong to the top three ranks.
- 9. R whose designation is higher than that of S and he wears Black shirt.

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Designations	Employees	Shirt Color
Chairman	U	Beige
Managing Director		
HOD	T	
Senior Manager		
Assistant Manager		
Executive		Orange
Trainee		

SBI Clerk/ RBI Assist. Mains – Reasoning

Designations	Employees	Shirt Color
Chairman	U	Beige
Managing Director	R	Black
HOD	T	Pink
Senior Manager		Blue
Assistant Manager		Brown
Executive		Orange
Trainee	V	Grey

10. Neither P nor Q wears Brown shirt

Designations	Employees	Shirt Color
Chairman	U	Beige
Managing Director	R	Black
HOD	T	Pink
Senior Manager	P / Q	Blue
Assistant Manager		Brown
Executive	P / Q	Orange
Trainee	V	Grey

11. Only S is left now.

12. Position of P and Q not fixed.

Final Arrangement

Designations	Employees	Shirt Color
Chairman	U	Beige
Managing Director	R	Black
HOD	T	Pink
Senior Manager	P / Q	Blue
Assistant Manager	S	Brown
Executive	P / Q	Orange
Trainee	V	Grey

1. d

2. e

3. d

4. b

5. b

SOLUTION(6-10):

Explanation in detail:

- Q is Principal works at Arihant University and T is the only other person who works in Arihant University.
- U is a Lecturer.

SBI Clerk/ RBI Assist. Mains – Reasoning

Employees	Universities	Designations
P		
Q	Arihant	Principal
R		
S		
T	Arihant	
U		Lecturer
V		
W		

- P designation is highest among them but does not work in G.M
- S works neither at Disha University nor works in the same university as U works at.
- R and U work in the same University

Employees	Universities	Designations
P	Disha	Director
Q	Arihant	Principal
R	Disha	
S	G.M.	
T	Arihant	
U	Disha	Lecturer
V		
W		

- Neither the Professor nor the Assistant Professor works in GM University.

- R designation is not 4th from bottom

Employees	Universities	Designations
P	Disha	Director
Q	Arihant	Principal
R	Disha	Professor
S	G.M.	
T	Arihant	Asst Professor
U	Disha	Lecturer
V	G.M.	
W	G.M.	

- Neither V nor W holds 4th rank designation.
- V is not least rank in designation

Employees	Universities	Designations
P	Disha	Director
Q	Arihant	Principal
R	Disha	Professor
S	G.M.	Asso Professor
T	Arihant	Asst Professor
U	Disha	Lecturer
V	G.M.	Lab Assistant
W	G.M.	Librarian

Final arrangement:

SBI Clerk/ RBI Assist. Mains – Reasoning

Employees	Universities	Designations
P	Disha	Director
Q	Arihant	Principal
R	Disha	Professor
S	G.M.	Asso Professor
T	Arihant	Asst Professor
U	Disha	Lecturer
V	G.M.	Lab Assistant
W	G.M.	Librarian

6. e
7. b
8. d
9. a
10. c

SOLUTION (11-15):

Explanation in detail: (fully modified)

1. C who had 16 years of experience works as HOD of Civil department.
2. The person who is HOD of Electrical department had an experience of 20 years.

Experience	Person	Department
27		
24		
20		Electrical

16	C	Civil
14		
10		
8		
3		

3. H had an experience of more than 20 years but not the highest.
4. Further it is known that G who had an experience more than B but less than C and is HOD of Chemical department.
5. B had an experience of odd number of years.

Case-1		
Experience	Person	Department
27		
24	H	
20		Electrical
16	C	Civil
14	G	Chemical
10		
8		
3	B	

SBI Clerk/ RBI Assist. Mains – Reasoning

Case-2		
Experience	Person	Department
27		
24	H	
20		Electrical
16	C	Civil
14		
10	G	Chemical
8		
3	B	

Case-3		
Experience	Person	Department
27		
24	H	
20		Electrical
16	C	Civil
14		
10		
8	G	Chemical

3	B	
---	---	--

6. No one is there between the experience of H and F, who is not the HOD of Electrical department.
7. Four persons are there between the experience of F and E.

Case-1		
Experience	Person	Department
27	F	
24	H	
20		Electrical
16	C	Civil
14	G	Chemical
10	E	
8		
3	B	

Case-2 (Rejected)		
Four persons are there between the experience of F and E.		
Experience	Person	Department
27	F	

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24	H	
20		Electrical
16	C	Civil
14		
10	G	Chemical
8		
3	B	

Case-3		
Experience	Person	Department
27	F	
24	H	
20		Electrical
16	C	Civil
14		
10	E	
8	G	Chemical
3	B	

8. A had an experience less than D but more than G and E.

Case-1 (Rejected)		
A had an experience less than D but more than G and E.		
Experience	Person	Department
27	F	
24	H	
20	D	Electrical
16	C	Civil
14	G	Chemical
10	E	
8	A	
3	B	

Case-3		
Experience	Person	Department
27	F	
24	H	
20	D	Electrical
16	C	Civil
14	A	

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10	E	
8	G	Chemical
3	B	

9. HOD of Mechanical department is immediately senior to the HOD of Biotechnology department and difference between their experiences is not more than three years.

Case-3		
Experience	Person	Department
27	F	Mechanical
24	H	Biotechnology
20	D	Electrical
16	C	Civil
14	A	
10	E	
8	G	Chemical
3	B	

10. HOD of Electronics department is junior to the HOD of Computer department and both of their experiences are in multiple of 2.

Finally B belongs to HOD of IT

Case-3		
Experience	Person	Department
27	F	Mechanical
24	H	Biotechnology
20	D	Electrical
16	C	Civil
14	A	Computer
10	E	Electronics
8	G	Chemical
3	B	IT

Final arrangement:

Case-3		
Experience	Person	Department
27	F	Mechanical
24	H	Biotechnology
20	D	Electrical
16	C	Civil
14	A	Computer

SBI Clerk/ RBI Assist. Mains – Reasoning

10	E	Electronics
8	G	Chemical
3	B	IT

11. c
12. d
13. b
14. c
15. e

SOLUTION (16-20):

Explanation in detail:

1. Only two persons senior to N
2. CMD is junior to the Person who likes Black color.

Designations (Increasing order)	Persons	Color
Trainee		
AM		
MGR		
SM		
MD	N	
CMD		
CEO		Black

3. P is senior to the Person who likes White color who does not the least junior.
4. P who is junior to MD

For this three case are their

CASE 1

Designations (Increasing order)	Persons	Color
Trainee		
AM		White
MGR		
SM	P	
MD	N	
CMD		
CEO		Black

CASE 1 a

Designations (Increasing order)	Persons	Color
Trainee		
AM		
MGR		White
SM	P	
MD	N	
CMD		
CEO		Black

CASE 2

SBI Clerk/ RBI Assist. Mains – Reasoning

Designations (Increasing order)	Persons	Color
Trainee		
AM		White
MGR	P	
SM		
MD	N	
CMD		
CEO		Black

- Person who likes Yellow color is senior to Q but junior to P.
- R is junior to P who is junior to MD.
- R is senior to Q who likes Blue color.
- M is senior to P but not the senior most

CASE 2 Eliminated

CASE 1

Designations (Increasing order)	Persons	Color
Trainee	Q	Blue
AM	O	White
MGR	R	
SM	P	
MD	N	
CMD	M	
CEO	L	Black

CASE1a

Designations (Increasing order)	Persons	Color
Trainee	Q/O	
AM	Q/O	
MGR	R	White
SM	P	
MD	N	
CMD	M	
CEO	L	Black

- The one who likes Yellow color is senior to Q but junior to P.

CASE1

Designations (Increasing order)	Persons	Color
Trainee	Q	Blue
AM	O	White
MGR	R	Yellow
SM	P	
MD	N	
CMD	M	
CEO	L	Black

CASE1a

SBI Clerk/ RBI Assist. Mains – Reasoning

Designations (Increasing order)	Persons	Color
Trainee	Q	Blue
AM	O	Yellow
MGR	R	White
SM	P	
MD	N	
CMD	M	
CEO	L	Black

10. O does not like Yellow color.

11. MD is senior to the one who likes Green color.

CASE 1a Eliminated

CASE 1

Designations (Increasing order)	Persons	Color
Trainee	Q	Blue
AM	O	White
MGR	R	Yellow
SM	P	Green
MD	N	
CMD	M	Brown
CEO	L	Black

Final Arrangement

Designations (Increasing order)	Persons	Color
Trainee	Q	Blue
AM	O	White
MGR	R	Yellow
SM	P	Green
MD	N	Red
CMD	M	Brown
CEO	L	Black

16. C

17. B

18. D

19. D

20. E

SOLUTION (21-25): (fully modified)

Explanation in detail:

1. Age of the one who is Lecture is not less than 25years.
2. Age of the one who is HOD is just double the age of the one who is Lecturer.
3. The one who is Chairman is 11years older than the one who is HOD

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4. The one who is Dean is 5years younger than HOD.
5. Age of the one who is HOD is just double the age of the one who is Lecturer

Designations (Decreasing order)	Persons	Age
Chairman		65
Dean		49
HOD		54
Professor		
Asst Professor		
Lecturer		27

6. D is senior to A.
7. More than two persons are junior than A.
8. B is Junior than D but senior than C.
9. C is junior than F, who is not Dean.
10. F is senior to E who is not Lecturer.
11. D is not Professor.
12. F' age is an odd number.

Brief hints:

D>A

D>B>C (D is not professor)

F>C (F is not Dean)

F>E (E is not lecturer)

Case-1

Designations (Decreasing order)	Persons	Age
Chairman	D	65
Dean	A	49
HOD	B	54
Professor	F	
Asst Professor	E	
Lecturer	C	27

Case-2

Designations (Decreasing order)	Persons	Age
Chairman	D	65
Dean	B	49
HOD	A	54
Professor	F	
Asst Professor	E	
Lecturer	C	27

Case-2-A

Designations (Decreasing order)	Persons	Age
Chairman	F	65
Dean	D	49
HOD	A	54
Professor	B/E	
Asst Professor	E/B	
Lecturer	C	27

13. Age of the one who is Professor is a perfect square of number and 13years younger than D.

Note: Case-1 & Case-2 gets rejected since D's age is 65 years & professor age is 13 years younger

SBI Clerk/ RBI Assist. Mains – Reasoning

than D i.e. $65-13=52$ years, but it is not a perfect square

Case-2-A

Designations (Decreasing order)	Persons	Age
Chairman	F	65
Dean	D	49
HOD	A	54
Professor	B/E	36
Asst Professor	E/B	
Lecturer	C	27

14. E is 7years younger than D.

15. B is 9 years older than C.

Note: E's age is 42 ($49-7=42$) and B's age is 36

Final Arrangement

Case-2-A

Designations (Decreasing order)	Persons	Age
Chairman	F	65
Dean	D	49
HOD	A	54
Professor	B	36
Asst Professor	E	42
Lecturer	C	27

21. d

22. c

23. E

24. e

25. b

SOLUTION (26-30): (some modified case-2-A added)

Explanation in detail:

1. Weight of M is the lightest.
2. Weight of P is heavier than M.
3. Weight of O is lighter than N but heavier than R.
4. The Weight of the second lightest person is 171cm.
5. Weight of the R is not odd number.
6. Weight of the second Heaviest person is 184cm and O is not second Heaviest person.
7. Q is not Heaviest person but heavier than P.

From above information we arrange all the person in Decreasing order of their weight.

$N > Q (184 \text{ kg}) > O > R > P (171 \text{ kg}) > M$

8. Less than three person are senior to O.
9. The one who likes Aajtak is senior to P but junior to the one who likes ABP channel. M does not like Aajtak.
10. Weight of the one who is CGM of the company is lighter than R.
11. M is senior to P.

CASE 1

SBI Clerk/ RBI Assist. Mains – Reasoning

Designation (Decreasing order)	Persons	TV Channels
ED		
CGM	M	
GM	O	
DGM		
MG		
AM		

CASE 2

Designation (Decreasing order)	Persons	TV Channels
ED	O	
CGM	M	
GM		
DGM		
MG		
AM		

12. R likes Sony Channel and junior to N.
13. R is senior to Q.
14. Weight of the one who is AM is lighter than the one who is GM.
15. P is not AM in the company.

CASE 1 is Eliminated because O is GM and then AM must be lighter than GM i.e. either R or P, but P is not AM and R is senior to Q.

CASE 2

Designation (Decreasing order)	Persons	TV Channels
ED	O	
CGM	M	
GM	N	
DGM		
MG		
AM	Q	

16. The one who likes Aajtak is senior to P but junior to the one who likes ABP channel.
17. M does not like Aajtak. O does not like Aajtak
18. Weight of the one who likes ABP is less than the one who is AM
19. R likes Sony Channel
20. M neither likes ZEE nor ABP.

Case-2

Designation (Decreasing order)	Persons	TV Channels
ED	O	ABP
CGM	M	
GM	N	Aajtak
DGM	R	Sony
MG	P	
AM	Q	

SBI Clerk/ RBI Assist. Mains – Reasoning

Case-2-A

Designation (Decreasing order)	Persons	TV Channels
ED	O	ABP
CGM	M	
GM	N	Aajtak
DGM	P	
MG	R	Sony
AM	Q	

21. The one who likes ZEE is not DGM of the company.
22. The one who like star is junior to the one who like ZEE.
23. M neither likes ZEE nor ABP

Case-2-A gets rejected since P must like ZEE, but the one who like ZEE is not the DGM.

CASE 2

Designation (Decreasing order)	Persons	TV Channels
ED	O	ABP
CGM	M	
GM	N	AAJ TAK
DGM	R	Sony
MG	P	ZEE
AM	Q	Star

Final arrangement:

Designation (Decreasing order)	Persons	TV Channels
ED	O	ABP
CGM	M	IBC24
GM	N	AAJ TAK
DGM	R	Sony
MG	P	ZEE
AM	Q	Star

26. b

27. c

28. a

29. e

30. E

SOLUTION (31-35): (modified)

Explanation in detail:

- The one whose weight is 44 kg is either ACP or API.
- Only three persons are there in ranks between the one whose weight is 44 kg and the one whose weight is 25 kg

CASE 1

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Designations (Decreasing order)	Persons	Weight
C.P		
D.C.P		
A.C.P		44
P.I		
A.P.I		
S.I.		
A.S.I		25

CASE 2

Designations (Decreasing order)	Persons	Weight
C.P		25
D.C.P		
A.C.P		
P.I		
A.P.I		44
S.I.		
A.S.I		

- At least five people junior to K.
- Only one person is there in ranks between K and the person whose weight is 41 kg.

CASE 1

Designations (Decreasing order)	Persons	Weight
C.P		
D.C.P	K	
A.C.P		44
P.I		41
A.P.I		
S.I.		
A.S.I		25

CASE 2

Designations (Decreasing order)	Persons	Weight
C.P		25
D.C.P	K	
A.C.P		
P.I		41
A.P.I		44
S.I.		
A.S.I		

CASE 2a

Designations (Decreasing order)	Persons	Weight
C.P	K	25
D.C.P		
A.C.P		41
P.I		
A.P.I		44
S.I.		
A.S.I		

SBI Clerk/ RBI Assist. Mains – Reasoning

5. The rank of both J and N were lower than the person whose weight is 41 kg.
6. Only two persons are there in ranks between J and the one whose weight is 35 kg who is senior to J.
7. M rank is immediately after the one whose weight is 35 kg.
8. Only two persons are there in ranks between M and L.

From here case 1 and case2a eliminated (8th statement not satisfied)

CASE1

Designations (Decreasing order)	Persons	Weight
C.P	L	25
D.C.P	K	
A.C.P		35
P.I	M	41
A.P.I		44
S.I.	J	
A.S.I	N	

9. P is just senior to the one who is the second heaviest.
10. N is not the lightest

CASE 1

Designations (Decreasing order)	Persons	Weight
C.P	L	25
D.C.P	K	19
A.C.P		35
P.I	M	41
A.P.I	P	44
S.I.	J	51
A.S.I	N	57

Final Arrangement

11. One of the persons is O.

Designations (Decreasing order)	Persons	Weight
C.P	L	25
D.C.P	K	19
A.C.P	O	35
P.I	M	41
A.P.I	P	44
S.I.	J	51
A.S.I	N	57

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

SOLUTION (36-40): (One case added)

Explanation in detail:

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1. Q works in marketing & Sales department.
2. Three department are their between the person who lives in Bhopal & U who is more experience than the person who lives in Bhopal.
3. Two person lies between U & T
4. One person lies between T & the person who lives in Pune
5. W's is more experience than S but less experience than T.

CASE 1

DEPARTMENT RANKS (Decreasing order)	Persons	City
R&D	U	
P.R.		Pune
H.R.		
Q.M.	T	
P.O.		Bhopal
ACC		Pune
M&S	Q	
ADMIN		

CASE 2

DEPARTMENT RANKS (Decreasing order)	Persons	City
R&D		
P.R.	U	
H.R.		Pune
Q.M.		
P.O.	T	
ACC		Bhopal
M&S	Q	
ADMIN		

CASE 3

DEPARTMENT RANKS (Decreasing order)	Persons	City
R&D	T	
P.R.		
H.R.		Pune
Q.M.	U	
P.O.		
ACC		
M&S	Q	
ADMIN		Bhopal

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Case-4

DEPARTMENT RANKS (Decreasing order)	Persons	City
R&D		
P.R.		
H.R.	U	
Q.M.		Pune
P.O.		
ACC	T	
M&S	Q	Bhopal
ADMIN		Pune

6. R & P lives in Hyderabad and Mumbai respectively.
7. No person lies between V & R.
8. T's is more experience than the person who lives in Raipur
9. Three person are their between P & the person who lives in Raipur
10. V is less experience than P.

From here CASE 1, Case-2 and CASE 4 Eliminated (simultaneously all the above statements not possible)

CASE 3

DEPARTMENT RANKS (Decreasing order)	Persons	City
R&D	T	
P.R.	P	Mumbai
H.R.		Pune
Q.M.	U	
P.O.	R	Hyderabad
ACC	V	Raipur
M&S	Q	
ADMIN		Bhopal

11. Neither U nor Q lives in Pune.
12. Neither the person who lives in Chennai nor the person who lives in Indore has most experience
13. W's is more experience than S but less experience than T.
14. The person who lives in Indore is more experienced than the person who lives in Chennai (newly added)

CASE 3

DEPARTMENT RANKS (Decreasing order)	Persons	City
R&D	T	Delhi
P.R.	P	Mumbai
H.R.	W	Pune
Q.M.	U	Indore
P.O.	R	Hyderabad
ACC	V	Raipur
M&S	Q	Chennai
ADMIN	S	Bhopal

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Final arrangement:

DEPARTMENT RANKS (Decreasing order)	Persons	City
R&D	T	Delhi
P.R.	P	Mumbai
H.R.	W	Pune
Q.M.	U	Indore
P.O.	R	Hyderabad
ACC	V	Raipur
M&S	Q	Chennai
ADMIN	S	Bhopal

36. a

37. b

38. e

39. d

40. c

SOLUTION(41-45):

Explanation in detail:

- Only one person has less experience than Q.
- The one who has less experience than Q works for Care Hospital.
- Only one person has more experience than L.
- The one who is specialized in neurology works for Forties hospital.
- Only two people have more experience than the one who works for Vasan healthcare.

Specializations (Decreasing order)	Persons	Hospitals
Radiology		
Neurology	L	Forties
Nephrology		Vasan
Gynecology		
Cardiology		
Physiotherapy	Q	
Accident and emergency		Care

- R works for Narayana health and has more experience than the one who works for Vasan healthcare.
- O has less experience than the one is specialized in Gynecology, but more experience than the one who works for Apollo hospital.

Specializations (Decreasing order)	Persons	Hospitals
Radiology	R	Narayana
Neurology	L	Forties
Nephrology		Vasan
Gynecology		
Cardiology	O	
Physiotherapy	Q	Apollo
Accident and emergency		Care

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8. P neither has the least experience nor did he specialize in Nephrology.
9. M is not specialized in Nephrology.
10. The one who works for Wockhard hospital not specialized of Gynecology.

Specializations (Decreasing order)	Persons	Hospitals
Radiology	R	Narayana
Neurology	L	Forties
Nephrology	N	Vasan
Gynecology	P	Mittal
Cardiology	O	Wockhard
Physiotherapy	Q	Apollo
Accident and emergency		Care

Final Arrangement

Specializations (Decreasing order)	Persons	Hospitals
Radiology	R	Narayana
Neurology	L	Forties
Nephrology	N	Vasan
Gynecology	P	Mittal
Cardiology	O	Wockhard
Physiotherapy	Q	Apollo
Accident and emergency	M	Care

41. e

42. c

43. c

44. d

45. a

SOLUTION(46-50): (fully mistake now modified completely)

Explanation in detail:

- Only four persons are Rank lies above Q.
- Only Three persons rank below the likes Mangal Pandey

RANK (Decreasing order)	Persons	Movies
General		
Brigadier		
Colonel		Mangal pandey
Major		
Caption	Q	
Lieutenant		

- P's Rank is above the one who likes Mangal Pandey.
- R has lower Rank than Colonel.
- R's rank below P but rank above to the one who likes Border.

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RANK (Decreasing order)	Persons	Movies
General	P/	
Brigadier	P/	
Colonel		Mangal pandey
Major	R	
Caption	Q	Border/
Lieutenant		Border/

6. More than two persons Rank's below the one who likes Raazi.
7. Neither U nor P likes Raazi.

Case-1

RANK (Decreasing order)	Persons	Movies
General		Razzi
Brigadier	P	
Colonel		Mangal pandey
Major	R	
Caption	Q	Border/
Lieutenant		Border/

Case-2

RANK (Decreasing order)	Persons	Movies
General	P	
Brigadier		Razzi
Colonel		Mangal pandey
Major	R	
Caption	Q	Border/
Lieutenant		Border/

8. The person who is General rank does not like Airlift.
9. U does not hold lowest Rank but Rank below to the one who likes Airlift.
10. Neither U nor P likes Raazi.

Case-1

RANK (Decreasing order)	Persons	Movies
General		Razzi
Brigadier	P	Airlift
Colonel	U	Mangal pandey
Major	R	
Caption	Q	Border/
Lieutenant		Border/

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Case-2 Rejected

RANK (Decreasing order)	Persons	Movies
General	P	Airlift
Brigadier		Razzi
Colonel	U	Mangal pandey
Major	R	
Caption	Q	Border/
Lieutenant		Border/

11. S Rank is not below the one who likes Fauji.
12. The one who likes Fauji is not Caption but rank above to the one who likes Border.
13. T does not like URI.

Final Arrangement

Case-1

RANK (Decreasing order)	Persons	Movies
General	S	Razzi
Brigadier	P	Airlift
Colonel	U	Mangal pandey
Major	R	Fauji
Caption	Q	URI
Lieutenant	T	Border

46. E
47. C
48. d
49. c
50. e

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Puzzle Timing Based

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

Seven Airlines – Indigo, Air India, Tru Jet, Go Air, Spice Jet, Vistara and Air Asia depart from Mumbai Airport on Monday. Each flight departure at different times 5 AM, 8 AM, 9 AM, 11 AM, 2 PM, 4 PM and 7 PM not necessarily in the same order.

TruJet Airlines is the earliest to depart. Its departure time is not after 8 a.m. and its travel time is two hours less than the travel time of Vistara Airlines. Since Indigo Airlines has to cover the least distance, it leaves last, but before 8 p.m. and still completes its journey at 10p.m. Go Air Airline leaves Mumbai Airport at Monday 11 a.m. and takes 19 hours to reach its destination. There is a four hour gap between the departure times of Spice Jet, leaving at 9

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a.m. and Tru Jet Airline. Spice Jet Airline takes one hour more than the travel time of Tru Jet Airline to reach its destination. Indigo Airline leaves five hours after Air India Airlines departs but takes only three hours to reach its destination. Vistara Airlines and Air Asia Airlines take 9 hours and 7 hours to reach their respective destinations. Vistara Airlines leaves at 4 p.m. and there is gap of 8 hours between the departure times of Vistara Airlines and Air Asia Airlines. One flight reaches its destination at 7 p.m.

1. Which of the following flights reach the destination on Tuesday?

- (a) Indigo airline
- (b) Air India Air line
- (c) Both Go Air and Vistara Airline
- (d) Air Asia Airline
- (e) Tru Jet Airline

2. How many flights departure between Air India and Vistara Airline?

- (a) None
- (b) One
- (c) Two
- (d) Three
- (e) Four

3. Which of the following flight departure last on Monday?

- (a) Spice Jet Airline
- (b) Air India Airline
- (c) Go Air Airline
- (d) Tru jet Airline

(e) Indigo Airline

4. What is the difference between the departure timing of Go air and Indigo Airlines?

- (a) 2 hours
- (b) 4 hours
- (c) 6 hours
- (d) 8 hours
- (e) 10 hours

5. Which of the following statement is true as per departure time and Arrival time at Destination in the given information?

- (a) Spice Jet Airlines - 9:00 AM - 4:00 PM
- (b) Go Air Airlines - 11:00 AM - 6:00 AM
- (c) Tru Jet Airlines - 4:00 AM - 1:00 PM
- (d) Vistara Airlines- 5:00 PM - 2:00 AM
- (e) Air Asia Airlines- 8:00 AM - 12:00 noon

Directions (6-10): Study the following information and Answer the questions below:

P, Q, R, S, T, U and V are seven friends who study in Exam Pundit at three different cities namely Chennai, Hyderabad and Visakhapatnam such that not less than two friends study in the same city. Each friend also has a different favorite's subject viz. English, Reasoning, Polity, Maths, General Awareness, Geography and Science but not necessarily in the same order. Each of the students attends the classes of his favorite's subjects at different time.

Q attends his classes at 11 AM. U attends his classes at 8 AM. P likes Maths and studies in the Chennai with only

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one other friend who likes General Awareness. V studies with two other friends. There is only one hour gap between the time of class of the persons study at Hyderabad and the one whose favorite's subject is General Awareness.. S neither studies in Chennai nor Visakhapatnam but studies with only one person and does not like Geography. The one whose favorite's subject is Science takes his class at 9 AM. V attends his class at 9 'O clock. The persons whose favorite's subjects are Science and Polity do not have their classes at the same time. Both the friends who study with V like Reasoning and English. The one who likes Polity neither study in Chennai nor Hyderabad. T does not like General Awareness subject. R does not like English, Reasoning or Geography. P and the one whose favorite subject is Geography have their class at 1 PM. R attends his class just after S. T studies with only one friend.

6. Which combination represents T's favorite subject and the city in which he studies?

- (a) Maths and Chennai
- (b) Science and Hyderabad
- (c) Polity and Visakhapatnam
- (d) Geography and Hyderabad
- (e) Reasoning and Hyderabad

7. Q attends his class at?

- (a) 11 AM
- (b) 8 AM
- (c) 10 AM
- (d) 9 AM

(e) None of these

8. Who amongst the following studies in the Chennai City?

- (a) Q
- (b) V
- (c) U
- (d) S
- (e) Both P and R

9. Which of the following combinations is definitely correct?

- (a) V and Reasoning
- (b) Q and English
- (c) P and G.A.
- (d) T and Reasoning
- (e) S and Science

10. Which of the following subjects does U like?

- (a) Either Maths or Reasoning
- (b) Either Reasoning or English
- (c) Either Reasoning or Science
- (d) Either Reasoning or G.A
- (e) Either Civics or Geography

Directions (11-15): Study the following information and Answer the questions below:

Six lecturers – B, A, S, K, R and M will visit a college from 12th November to 18th November to give lectures but not necessarily as the same order. There is a Sunday in between and no visit is scheduled on Sunday. Each of the lectures has different time duration: 30 mins. 45 mins,

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60 mins, 75 mins, 100 mins and 120 mins. Again not necessary as the same order.

18th November is not Sunday and lecture of 30 mins is scheduled on that day. B's lecture is for less than 60 mins and is scheduled immediately before R's lecture. There are two lectures Scheduled between M's lecture which is for 120 mins and S's lecture which is for 60 mins. R's lecture is before Sunday and there are two days between Sunday and B's lecture. K's lecture which is for 75 mins is not scheduled as 12th November. The lecture scheduled on Saturdays is of 120 mins.

11. On which date no lecturers Schedule?

- (a) 12
- (b) 13
- (c) 14
- (d) 15
- (e) 16

12. How many lectures are scheduled between Thursday and Monday?

- (a) 3
- (b) 2
- (c) 4
- (d) 1
- (e) None

13. On Friday how many minutes lecture are scheduled?

- (a) 100
- (b) 120
- (c) 75

(d) 60

(e) 45

14. Which of the following Combination is true?

- (a) S -45min
- (b) R -120min
- (c) K - 30min
- (d) A - 30 min
- (e) B- 60min

15. How many lectures are scheduled after the one who give lectures on Thursday?

- (a) 1
- (b) 2
- (c) 3
- (d) 4
- (e) 5

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

Seven films A, B, C, D, E, F and G are screened in different time slots/Sessions. The timing can be of 40 minutes, 55 minutes or one hour ten minutes. There is no gap between two sessions; it means if session 1 ended at 12.10pm then session 2 starts at 12.10pm and so on. Each film is screened at different theatres I, J, K, L, M, N and O on the same building but not necessarily in the same order.

In theatre N, the film was screened at 1:40PM. E and the film which was screened in theatre N had consecutive slots. The last session ended at 5:15PM. C and the film which was screened at theatre L had sessions of

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55minutes. The film which was screened in theatre M took its session immediately after a session of 40minutes. The film F was screened at theatre O. There was one film screened between F and G. F is screened before G. The film screened in theatre K was started at 12.05PM. The film B was screened immediately after the film C. The film screened in Theatre I had its session immediately after D's session. Number of sessions after D's session was twice as that of the number of sessions after E's session. E was screened in Theatre J. A was screened at 3.40pm.

16. Which of the following films was screened at theatre L?

- (a) B
- (b) E
- (c) F
- (d) A
- (e) G

17. Film E was screened between _____?

- (a) 1.00pm – 2.20pm
- (b) 4.20pm – 5.15pm
- (c) 3.40pm-4.20pm
- (d) 2.20pm-3.00pm
- (e) 3.00pm-3.30pm

18. Which of the following is correct?

- (a) Three films are screened between D and G
- (b) Film G screened at theatre M
- (c) Total time duration of film A is 40minutes
- (d) Film B screened immediately after film E

(e) All are correct

19. Four of the five among the following are similar in such a way to form a group, which one of the following doesn't belong to the group?

- (a) B – N
- (b) E- O
- (c) C – N
- (d) A- L
- (e) F- J

20. Time Duration of how many theatres are 55mins?

- (a) 1
- (b) 2
- (c) 3
- (d) 4
- (e) 5

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

(One statement modified)

There are five Boxers F, G, H, I and J who are fighting with five Opponent viz. V, W, X, Y and Z but not necessarily in the same order. Each fight is of one hour duration. No break after each fight and all the fight are in continuous manner. All five fights are taking place at different cities of India viz. Delhi, Mumbai, Chennai, Hyderabad and Ahmedabad. No Female boxer fights with a male boxer.

Among Boxer only three are female are- The one who fights with W, The one whose fight is at 8 PM and the one whose fight is in Hyderabad. The female whose fight is at

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10 PM fights in Chennai. One of fights is at 6PM, but not takes place in Mumbai. X's fight is neither in Mumbai nor in Hyderabad. Y does not fight in Mumbai. The Boxer who has a fight with Y is a female but she is not I. J fights at 10 PM. F and H is not females. F's fight is at 9 PM and fights neither with X nor with the one whose fight is in Mumbai. G fights at 7 PM. V's fight is in Delhi and he does not fight with F.

21. **What is the Gender of X and X is opponent of which boxer?**

- (a) Male, H
- (b) Male, F
- (c) Female, J
- (d) Female , I
- (e) None of these

22. **At what time fight between G and Y started?**

- (a) 7pm
- (b) 8pm
- (c) 9pm
- (d) 10pm
- (e) None of these

23. **The Boxer who Fight just after H is?**

- (a) J
- (b) I
- (c) F
- (d) None of these
- (e) G

24. **The fight between I and W is on which place?**

- (a) Hyderabad

- (b) Chennai
- (c) Delhi
- (d) Mumbai
- (e) Ahmadabad

25. **How many fights is/are there after fight between F and Z?**

- (a) 2
- (b) 1
- (c) 3
- (d) 4
- (e) 5

Directions (26-30): Study the following information carefully and answer the given questions below:

There are Seven Lecturers – P, Q, R, S, T, U and V taught seven subjects, viz., Reasoning, History, Geography, Polity, Science, General Awareness and Hindi on one day in a week starting from Monday and ending on Sunday (of the same week). There will be separate timings for each lecture.

Note: Total hours taken by all the lecturers is 18 hours. The minimum and maximum timing of any lecture will be one hour and five hour respectively. There are two pairs of timings that can be followed by four lecturers.

Polity is taught on Thursday. General Awareness is neither taught on Tuesday nor on Saturday. The Geography professor gave lecture immediately after the lecturer P. Q is not a Polity Professor. Reasoning is taught for one hour. The Professor Q gave his lecture on one of the days before Friday. Neither the professor T nor the

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professor U gave his lecture on Sunday. Professor U gave his lecture immediately after T. Lecturer P spent more time than Lecturer R. Time taken by lecturer R is the sum of time taken by the lecturers Q and U. Subjects Reasoning & History are taught for same duration. The lecturer who took maximum time is immediately preceded by the person who took less than one hour of maximum time. The difference between the subjects taught on Friday and Sunday is equaled to the time taken by the lecturer P. Professor who gave Reasoning lecture immediately preceded and followed by R and V respectively. Professor who gave lecture on Sunday spent less than three hours. Only one lecture is held between Polity and Geography. History is taught after two days of reasoning lecture. hindi is neither taught on Monday nor Sunday. Geography is not taught on the immediate next day on which History is taught. Science is taught on Monday.

26. Which of the following Subject is taught by P ?

- (a) Science
- (b) Geography
- (c) Reasoning
- (d) Hindi
- (e) Polity

27. Which of the following combinations is True with respect to the given arrangement?

- (a) History – Wednesday
- (b) Science – Friday
- (c) Polity – Wednesday
- (d) History – Friday

(e) General Awareness – Sunday

28. If all the persons are made to arrange in alphabetical order from Monday to Sunday, positions of how many persons will remain unchanged?

- (a) Four
- (b) Three
- (c) None
- (d) Two
- (e) One

29. Professor S gave lecture for how many hours?

- (a) One hour
- (b) Three hours
- (c) Four hours
- (d) Two hours
- (e) None of the given options is true

30. Who among the following gave lecture immediately after U?

- (a) T
- (b) Q
- (c) S
- (d) V
- (e) R

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

Seven Exams are to be scheduled by a College on different timings on different days. The Subjects are History, Maths, English, Hindi, Economics, Science and Social Science were to be schedule on 2 PM, 12 PM, 5 PM, 7

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PM, 10 PM, 6 PM and 4 PM not necessarily in the same order and the exam started in a week from Monday and ending on Sunday.

Economics was scheduled on 7PM but after Thursday. More than two exams were scheduled between Economics and Maths which is not scheduled at 5PM. Number of Exam between English and Science was same as between Science and Social Science. Social Science was schedules after science. Science was neither scheduled on 10PM nor 12PM. The exam scheduled on Monday was scheduled on 5PM. Only two exams were scheduled between Social Science and the exam scheduled on 2PM. English exam was not scheduled in 5PM. Exam in 12 PM was scheduled immediately before the exam which scheduled on 10PM. Hindi was not scheduled on Monday. Exam scheduled on 4 PM was not scheduled after exam on 2PM.

31. How many Days Gap between History and Social Science exams?

- (a) Four
- (b) One
- (c) Two
- (d) Three
- (e) Five

32. Which exam was scheduled just next day after Hindi exam?

- (a) Economics
- (b) History
- (c) Social Science
- (d) Science

(e) None of these

33. In which of the following time Science was scheduled?

- (a) 4 PM
- (b) 2 PM
- (c) 5 PM
- (d) 6 PM
- (e) 12 PM

34. If 5 PM is related to 6 PM and English is related to Hindi in a certain way, then to which of the following would 2 PM be related to, following the same pattern?

- (a) 10 PM
- (b) 4 PM
- (c) 12 PM
- (d) 6 PM
- (e) 7 PM

35. Which of the following exam was held on Tuesday?

- (a) Economics
- (b) History
- (c) Social Science
- (d) Science
- (e) English

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

Ten students namely viz P, Q, R, S, T, U, V, W X and Y of ten different colleges but not necessarily in the same order have seminar on five different days starting from

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Monday to Friday of the same week. Each student have seminar at two different time slots, i.e 10.00 AM and 1 P.M. Each student likes different Fruits namely viz – Apple, Banana, Orange, Grape, Pineapple, Cranberry, Strawberry, Kiwi, Peach and Watermelon.

Persons who like Kiwi, Apple, Grape, Cranberry and Peach have seminar at 10:00 A.M. Persons who like Strawberry, Banana, Orange, Pineapple and Watermelon have seminar at 1:00 P.M. W has a seminar on Tuesday. The number of people who have seminar between V and S is same as the number of people who have seminar between R and Y. Persons who like Kiwi and Pineapple have seminar on Monday and the persons who like Peach and Watermelon have Seminar on Friday. Q has a seminar immediately before W. W does not have seminar on any of the days before V. Y does not has seminar at 1 P.M. S has a seminar immediately after the day of one who has seminar on Monday. U does not have seminar at 1 P.M. S does not has seminar on any one of the days after T. Only three people have seminar between V and T. Persons who like Grape and Orange went to seminar neither on Tuesday nor Thursday. Only two people have seminar between U and X. Persons who like Apple and Banana does not have seminar on Thursday. U **doesn't like Cranberry.**

36. In which of the following day and time P gives Seminar?

- (a) Friday, 10am
- (b) Thursday, 10am

- (c) Thursday, 1pm
- (d) Monday, 10am
- (e) Tuesday, 10am

37. In which of the following Day R Gives his seminar?

- (a) Monday
- (b) Tuesday
- (c) Wednesday
- (d) Friday
- (e) Thursday

38. How many person gives seminar between W and P?

- (a) Four
- (b) Three
- (c) Five
- (d) Two

39. Which of the following Person and Days combinations is true with respect to the given arrangement?

- (a) P – Wednesday
- (b) V – Friday
- (c) Q – Wednesday
- (d) S – Friday
- (e) T – Wednesday

40. Which of the following Student Give seminar just after X.

- (a) P
- (b) Y
- (c) R
- (d) S

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(e) T

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

Eight persons I, J, K, L, M, N, O and P visited a Saloon for grooming in eight consecutive slots. The slots were of 30min, 45min or 1hour. There is no gap between two Consecutive Slots. It means if session 1 ended at 10:00am then session 2 starts at 10.00am. The slot started at 11:00am.

Number of persons who went for the session before K was thrice as that of the number of person who went after the session that ended at 4:15pm. K did not go in the 1st session. There were 3 sessions between P's session and M's session. P had his session before M. K's session started at 1:15pm. Number of sessions before J's session was equal to the number of sessions after L's session. J had his session before L. O and L had equal slot duration. N and I did not have the equal duration slots. O's slot started at 3:00pm or 3:30pm. K and I had consecutive sessions. M had a session of 30minutes. There were two sessions between M's and N's session. P's session ended at 12:15pm. The first Session was of 45minutes.

41. At what time I's session was started?

- (a) 12:15pm
- (b) 1:15pm
- (c) 4:15pm
- (d) 3:30pm
- (e) 2:15pm

42. How many grooming session are there between J and O?

- (a) 3
- (b) 5
- (c) 4
- (d) 2
- (e) None

43. How many grooming session is/are of 30min?

- (a) 2
- (b) 1
- (c) 3
- (d) 4
- (e) 5

44. At what time last grooming session ends?

- (a) 4:30pm
- (b) 5:15pm
- (c) 5:00pm
- (d) 4:45pm
- (e) None of these

45. Which of the following persons grooming immediately before and after M?

- (a) J, N
- (b) N, K
- (c) J, P
- (d) I, O
- (e) K, I

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

SBI Clerk/ RBI Assist. Mains – Reasoning

In a sports meet, different teams – Arsenal, Chelsea, Liverpool, Manchester United, AC Milan, Inter Milan, La Liga, Real Madrid, Barcelona, Porto, Kerala Blasters and Flamingo play different games – Athletics, Baseball, Boxing, Cricket, Cycling, Diving, Golf, Handball, Hockey, Judo, Rowing and Shooting in different time slots – 9:00 am, 1:00 pm and 4:00 pm on different days of the week – Monday, Wednesday, Friday and Sunday.

Diving is played before Shooting. Team La Liga plays Golf. Rowing is played on the same day on which Handball is organized. Athletics is played by neither Liverpool nor Porto team. Team Real Madrid plays Boxing at 1:00pm. Only 2 teams play between Manchester United and Kerala Blaster teams. There are 3 teams play between Flamingo and Manchester United team. Team Flamingo does not play Hockey. Baseball is played by AC Milan team. Hockey is played in the last slot of last day of the week. The number of games played between Judo and Hand Ball is equivalent to the number of games played between Baseball and Cycling. Both Judo and Hand ball are played before Cricket. Athletics is played immediately before Rowing. Team Arsenal plays Judo. Team Barcelona plays Cricket on Wednesday in the third slot. The number of teams playing before the Handball is equivalent to the number of teams playing after Team Flamingo. Cycling is played by team Chelsea immediately before Hockey. The number of games played before Cricket is equivalent to the number of games played after Baseball. Team Liverpool does not play Hand ball.

46. At what time and day Team Porto play game?
- (a) 4 PM, Monday
 - (b) 1 PM, Monday
 - (c) 1 PM, Sunday
 - (d) 1 PM, Wednesday
 - (e) 1 PM, Friday
47. Which of the following game play at 9 am Sunday?
- (a) Golf
 - (b) Cycling
 - (c) Diving
 - (d) Baseball
 - (e) Judo
48. How many games played between team Real Madrid and Flamingo?
- (a) 4
 - (b) 2
 - (c) 1
 - (d) 6
 - (e) 5
49. Which of the following team play his game on Friday at 9 am?
- (a) AC Milan
 - (b) La Liga
 - (c) Chelsea
 - (d) Manchester United
 - (e) Liverpool
50. Which of the following Time and Game combinations is true with respect to the given arrangement?
- (a) 4 PM - Baseball