

SBI Clerk/ RBI Assist. Mains – Reasoning

(b) 4 PM - Cycling

(c) 1 PM – Hand ball

(d) 1 PM - Judo

(e) 1 PM - Shooting

Puzzle Timing Based – Answer and Explanation

Solution (1 - 5):

1. TruJet Airlines is the earliest to depart & its departure time is not after 8 a.m. (here time is given of departure earliest means 5am)
2. Indigo Airlines has to cover the least distance, it leaves last, but before 8 p.m. and still completes its journey at 10p.m.(indgo leaves last means its departure time is 7pm and travel time is 3 hour)

Airlines Name	Departure Time	Travel Time	Arrival Time at Destination
Indigo	7pm	3 hour	10pm
Air India			
Tru Jet	5 am		
Go Air			
Spice Jet			
Vistara			
Air A sia			

3. Go Air Airline leaves Mumbai Airport at Monday 11a.m. and takes 19 hours to reach its destination.(Go Air reaches his destination on 6am Tuesday)
4. There is a four hour gap between the departure times of Spice Jet, leaving at 9 a.m. and Tru Jet Airline.

Airlines Name	Departure Time	Travel Time	Arrival Time at Destination
Indigo	7pm	3 hours	10pm
Air India			
Tru Jet	5 am		
Go Air	11am	19 hours	6am (Tuesday)
Spice Jet	9am		
Vistara			
Air Asia			

5. Indigo Airline leaves five hours after Air India Airlines departs.
6. Vistara Airlines and Air Asia Airlines take 9 hours and 7 hours to reach their respective destinations.
7. 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.

Airlines Name	Departure Time	Travel Time	Arrival Time at Destination
Indigo	7pm	3 hours	10pm
Air India	2pm		
Tru Jet	5 am		
Go Air	11am	19 hours	6am (Tuesday)
Spice Jet	9am		
Vistara	4pm	9hour	1am (Tuesday)
Air Asia	8 am	7 hour	3 pm

8. Tru Jet travel time is two hours less than the travel time of Vistara Airlines.
9. Spice Jet Airline takes one hour more than the travel time of Tru Jet Airline to reach its destination

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Airlines Name	Departure Time	Travel Time	Arrival Time at Destination
Indigo	7pm	3 hours	10pm
Air India	2pm		
Tru Jet	5 am	7 hours	12 noon
Go Air	11am	19 hours	6am (Tuesday)
Spice Jet	9am	8 hours	5 pm
Vistara	4pm	9 hours	1am (Tuesday)
Air Asia	8 am	7 hours	3 pm

10. One flight reaches its destination at 7 p.m. (Air india reaches at 7pm)

Final Arrangement

Airlines Name	Departure Time	Travel Time	Arrival Time at Destination
Indigo	7pm	3 hours	10pm
Air India	2pm	5 hours	7 pm
Tru Jet	5 am	7 hours	12 noon
Go Air	11am	19 hours	6am (Tuesday)
Spice Jet	9am	8 hours	5 pm
Vistara	4pm	9 hours	1am (Tuesday)
Air Asia	8 am	7 hours	3 pm

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

Solution (6 - 10):

- Q attends his classes at 11 AM.
- U attends his classes at 8 AM.
- P likes Maths and studies in the Chennai
- S neither studies in Chennai nor Visakhapatnam.

Friends Name	Time	Favorite Subject	City
P		Maths	Chennai
Q	11am		
R			
S			Hyderabad
T			
U	8am		
V			

- V studies with two other friends.
 - T studies with only one friend.
 - T does not like General Awareness subject.
 - P likes Maths and studies in the Chennai with only one other friend who likes General Awareness
 - S studies neither in Chennai nor Visakhapatnam but studies with only one person and does not like Geography.
 - V studies with two other friends.(Means V is from Vishakhapatnam)
 - V attends his class at 9 'O clock
 - R does not like English, Reasoning or Geography.
- From 8th and 9th point it is clear that number of Person from Chennai and Hyderabad has only 2 persons and T studies with only one friend so he is from Hyderabad.

Friends Name	Time	Favorite Subject	City
P		Maths	Chennai
Q	11am		
R			
S			Hyderabad
T			Hyderabad
U	8am		
V	9 am/pm		Visakhapatnam

SBI Clerk/ RBI Assist. Mains – Reasoning

13. Both the friends who study with V like Reasoning and English(Means They both belongs to Visakhapatnam which is Q and U)

Hints explanation: R doesn't like English, & Reasoning. This implies R is not from Vishakhapatnam. T studies with only one friend. This implies T is not from Vishakhapatnam

Thus Q and U are from Vishakhapatnam (they like Reasoning and English in any order)

14. The one who likes Polity neither study in Chennai nor Hyderabad.

Friends Name	Time	Favorite Subject	City
P		Maths	Chennai
Q	11am	Reasoning/ English	Visakhapatnam
R			
S			Hyderabad
T			Hyderabad
U	8am	Reasoning/ English	Visakhapatnam
V	9 am/pm	Polity	Visakhapatnam

15. P likes Maths and studies in the Chennai with only one other friend who likes General Awareness.(R like G.A. and he study at Chennai because minimum two friends study in any of the city)
16. P and the one whose favorite subject is Geography have their class at 1 PM
17. S does not like Geography.
18. The one whose favorite's subject is Science takes his class at 9 AM
19. The persons whose favorite's subjects are Science and Polity do not have their classes at the same time.

Friends Name	Time	Favorite Subject	City
P	1 pm	Maths	Chennai
Q	11am	Reasoning/ English	Visakhapatnam
R		General Awareness	Chennai
S	9 am	Science	Hyderabad
T	1 pm	Geography	Hyderabad
U	8am	Reasoning/ English	Visakhapatnam
V	9 pm	Polity	Visakhapatnam

20. R attends his class just after S.

Final Arrangement

Friends Name	Time	Favorite Subject	City
P	1 pm	Maths	Chennai
Q	11am	Reasoning/ English	Visakhapatnam
R	10 am	General Awareness	Chennai
S	9 am	Science	Hyderabad
T	1 pm	Geography	Hyderabad
U	8am	Reasoning/ English	Visakhapatnam
V	9 pm	Polity	Visakhapatnam

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

Solution (11 - 15):

- 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.(B = 30mins or 45 mins)
- There are two days between Sunday and B's lecture.

SBI Clerk/ RBI Assist. Mains – Reasoning

4. R's lecture is before Sunday

From here we have 3 possibilities for Sunday i.e 15, 16, 17. We cannot place at 12 and 13 because days are repeating.

14 are also not possible because it violate condition 4

CASE 1

Dates	Day	Minutes	Lecturers
12	Tuesday		
13	Wednesday		
14	Thursday	45	B
15	Friday		R
16	Saturday		
17	Sunday	NO VISIT	
18	Monday	30	

CASE 2

Dates	Day	Minutes	Lecturers
12	Wednesday		
13	Thursday	45	B
14	Friday		R
15	Saturday		
16	Sunday	NO VISIT	
17	Monday		
18	Tuesday	30	

CASE 3

Dates	Day	Minutes	Lecturers
12	Thursday	45	B
13	Friday		R
14	Saturday		
15	Sunday	NO VISIT	
16	Monday		
17	Tuesday		
18	Wednesday	30	

5. There are two lectures Scheduled between M's lecture which is for 120 mins and S's lecture which is for 60 mins
6. The lecture scheduled on Saturdays is of 120 mins.

CASE 3 eliminated because 5 point is not possible

CASE 1

Dates	Day	Minutes	Lecturers
12	Tuesday		
13	Wednesday	60	S
14	Thursday	45	B
15	Friday		R
16	Saturday	120	M
17	Sunday	NO VISIT	
18	Monday	30	

CASE 2

Dates	Day	Minutes	Lecturers
12	Wednesday	60	S
13	Thursday	45	B
14	Friday		R
15	Saturday	120	M
16	Sunday	NO VISIT	
17	Monday		
18	Tuesday	30	

7. K's lecture which is for 75 mins is not scheduled as 12th November.

From here CASE 1 eliminated because we cannot place K at 12.

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CASE 2

Dates	Day	Minutes	Lecturers
12	Wednesday	60	S
13	Thursday	45	B
14	Friday		R
15	Saturday	120	M
16	Sunday	NO VISIT	
17	Monday	75	K
18	Tuesday	30	

Now only A and 100min is there

Final Arrangement

CASE 2

Dates	Day	Minutes	Lecturers
12	Wednesday	60	S
13	Thursday	45	B
14	Friday	100	R
15	Saturday	120	M
16	Sunday	NO VISIT	
17	Monday	75	K
18	Tuesday	30	A

11.e

12.b

13.a

14.d

15.d

Solution (16- 20):

In this type of question we fix the all slot/ session from 1 to 7

- 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.
- In theatre N, the film was screened at 1:40PM.
- E and the film which was screened in theatre N had consecutive slots.

CASE 1

Slot Number	Film Name	Theaters	Duration	Time Slot
1				
2				
3				
4				
5	D			
6	E	J		
7				

CASE 1 Eliminated because we can not place I just after D as per Point 1

CASE 2

Slot Number	Film Name	Theaters	Duration	Time Slot
1		This condition is also eliminated because last slot ends at 5:15pm which is not possible as per given time duration if we place N at 6th slot		
2				
3	D			
4				
5	E	J		
6		N		1:40 -
7				

CASE 3a

Slot Number	Film Name	Theaters	Duration	Time Slot
1	D			
2		I		
3		N		1:40pm
4	E	J		
5				
6				
7				

SBI Clerk/ RBI Assist. Mains – Reasoning

CASE 3b

Slot Number	Film Name	Theaters	Duration	Time Slot
1	D			
2		I		
3				
4	E	J		
5		N		1:40pm
6				
7				

- The film F was screened at theatre O.
- There was one film screened between F and G.
- F is screened before G.
- The film B was screened immediately after the film C.
- C had sessions of 55minutes.

CASE 3a

Slot Number	Film Name	Theaters	Duration	Time Slot
1	D			
2	C	I	55 min	
3	B	N		1:40pm
4	E	J		
5	F	O		
6				
7	G			

CASE 3b

Slot Number	Film Name	Theaters	Duration	Time Slot
1	D			
2		I		
3	F	O		
4	E	J		
5	G	N		1:40pm
6	C		55mins	
7	B			

- The last session ended at 5:15PM
- A was screened at 3:40pm.

CASE 3a

Slot Number	Film Name	Theaters	Duration	Time Slot
1	D			
2	C	I	55 min	
3	B	N		1:40pm
4	E	J		
5	F	O		
6	A			3:40pm
7	G			5:15pm

CASE 3b

Slot Number	Film Name	Theaters	Duration	Time Slot
1	D			
2	A	I		
3	F	O		3:40pm
4	E	J		
5	G	N		1:40pm
6	C		55mins	
7	B			5:15pm

This case eliminated because N screening time is earlier then A but in this case N screening slot is after A

- The film screened in theatre K was started at 12.05PM.(in theatre K film D was screened)

From here we can find the time slot of theatre K and I as per insturction. if Film B starts at 1:40pm then Film C ended at 1:40pm and the time at which C screened is the ending time of film D.

CASE 3a

Slot Number	Film Name	Theaters	Duration	Time Slot
1	D	K	40 min	12:05pm - 12:45pm
2	C	I	55 min	12:45pm - 1:40pm
3	B	N		1:40pm
4	E	J		
5	F	O		
6	A			3:40pm
7	G			5:15pm

- L had sessions of 55minutes.
- The film which was screened in theatre M took its session immediately after a session of 40minutes.

SBI Clerk/ RBI Assist. Mains – Reasoning

Here for Theatre M only 1 possibility is there i.e. Film A and also we find the duration of theatre M.

CASE 3a

Slot Number	Film Name	Theaters	Duration	Time Slot
1	D	K	40 min	12:05pm - 12:45pm
2	C	I	55 min	12:45pm - 1:40pm
3	B	N		1:40pm
4	E	J		
5	F	O	40 min	
6	A	M	40 min	3:40pm - 4:20pm
7	G	L	55 min	4:20pm - 5:15pm

From here we can find the time slot of theatre O.

CASE 3a

Slot Number	Film Name	Theaters	Duration	Time Slot
1	D	K	40 min	12:05pm - 12:45pm
2	C	I	55 min	12:45pm - 1:40pm
3	B	N		1:40pm
4	E	J		
5	F	O	40 min	3:00pm - 3:40pm
6	A	M	40 min	3:40pm - 4:20pm
7	G	L	55 min	4:20pm - 5:15pm

To find the time duration of theatre N and J we have count total min from 1:40pm to 3:00pm i.e. 80min so the time duration of N and J is 40min each.

Final Arrangement

CASE 3a

Slot Number	Film Name	Theaters	Duration	Time Slot
1	D	K	40 min	12:05pm - 12:45pm
2	C	I	55 min	12:45pm - 1:40pm
3	B	N	40min	1:40pm - 2:20pm
4	E	J	40min	2:20pm - 3:00pm
5	F	O	40 min	3:00pm - 3:40pm
6	A	M	40 min	3:40pm - 4:20pm
7	G	L	55 min	4:20pm - 5:15pm

16.e

17.d

18.c

19.a (Film and Theatre combination)

20.b

Solution (21- 25):

No Female boxer fights with a male boxer. Among Boxer only are three female.

From Above statements it is clear that 3 females are there because female fight with only female

1. J fights at 10 PM.
2. F's fight is at 9 PM
3. G fights at 7 PM
4. F and H is not females

Boxers	Opponent	Gender	City	Time
F		Male		9 pm
G		Female		7 pm
H		Male		
I		Female		
J		Female		10 pm

5. The one whose fight is at 8 PM is female. so I is female
6. One of fights is at 6PM, but not takes place in Mumbai. (From here it is clear that one of the fight is at 6pm so H's fight is at 6pm)
7. The female whose fight is at 10 PM fights in Chennai.

Boxers	Opponent	Gender	City	Time
F		Male		9 pm
G		Female		7 pm
H		Male		6 pm
I		Female		8 pm
J		Female	Chennai	10 pm

8. F's fight is at 9 PM and fights neither with X nor with the one whose fight is in Mumbai.
9. V's fight is in Delhi and he does not fight with F.

SBI Clerk/ RBI Assist. Mains – Reasoning

10. The Opponent whose fight is in Mumbai does not fight at 6 PM (Two case for Mumbai either G or I)

From Above points it is clear that F's Fight is at Ahmadabad. Because Hyderabad is not possible F is male.

CASE 1

Boxers	Opponent	Gender	City	Time
F		Male	Ahmadabad	9 pm
G		Female	Mumbai	7 pm
H		Male		6 pm
I		Female		8 pm
J		Female	Chennai	10 pm

CASE 2

Boxers	Opponent	Gender	City	Time
F		Male	Ahmadabad	9 pm
G		Female		7 pm
H		Male		6 pm
I		Female	Mumbai	8 pm
J		Female	Chennai	10 pm

11. The one whose fight is in Hyderabad is female.
 12. Y does not fight in Mumbai.
 13. The Boxer who has a fight with Y is a female but she is not I.
 14. V's fight is in Delhi.

CASE 1

Boxers	Opponent	Gender	City	Time
F		Male	Ahmadabad	9 pm
G		Female	Mumbai	7 pm
H	V	Male	Delhi	6 pm
I		Female	Hyderabad	8 pm
J	Y	Female	Chennai	10 pm

CASE 2

Boxers	Opponent	Gender	City	Time
F		Male	Ahmadabad	9 pm
G	Y	Female	Hyderabad	7 pm
H	V	Male	Delhi	6 pm
I		Female	Mumbai	8 pm
J	Y	Female	Chennai	10 pm

15. F not Fight with X. (F is male so he cannot fight with W also so he F fight with Z)
 16. X's fight is neither in Mumbai nor in Hyderabad.
 17. The one who fights with W is female.

In case 2 we can fixed Y so one more case is there

CASE 1

Boxers	Opponent	Gender	City	Time
F	Z	Male	Ahmadabad	9 pm
G	W	Female	Mumbai	7 pm
H	V	Male	Delhi	6 pm
I	X	Female	Hyderabad	8 pm
J	Y	Female	Chennai	10 pm

CASE 2a

Boxers	Opponent	Gender	City	Time
F	Z	Male	Ahmadabad	9 pm
G	Y	Female	Hyderabad	7 pm
H	V	Male	Delhi	6 pm
I	W	Female	Mumbai	8 pm
J	X	Female	Chennai	10 pm

CASE 2b

Boxers	Opponent	Gender	City	Time
F	Z	Male	Ahmadabad	9 pm
G	X	Female	Hyderabad	7 pm
H	V	Male	Delhi	6 pm
I	W	Female	Mumbai	8 pm
J	Y	Female	Chennai	10 pm

Here CASE 1 and CASE 2b is eliminated because X is not from Hyderabad.

Final Arrangement

SBI Clerk/ RBI Assist. Mains – Reasoning

CASE 2a

Boxers	Opponent	Gender	City	Time
F	Z	Male	Ahmadabad	9 pm
G	Y	Female	Hyderabad	7 pm
H	V	Male	Delhi	6 pm
I	W	Female	Mumbai	8 pm
J	X	Female	Chennai	10 pm

21.c

22.a

23.e

24.d

25.b

Solution (26- 30):

1. Polity is taught on Thursday
2. Only one lecture is held between Polity and Geography.
3. The Geography professor gave lecture immediately after the lecturer P
4. Science is taught on Monday.

Here two case for Geography.

CASE 1

Explanation Day	Lecturers	Subjects	Hours
Monday		Science	
Tuesday			
Wednesday			
Thursday		Polity	
Friday	P		
Saturday		Geography	
Sunday			

CASE 2

Explanation Day	Lecturers	Subjects	Hours
Monday	P	Science	
Tuesday		Geography	
Wednesday			
Thursday		Polity	
Friday			
Saturday			
Sunday			

5. History is taught after two days of reasoning lecture.
6. Geography is not taught on the immediate next day on which History is taught.
7. Reasoning is taught for one hour.

CASE 1

Explanation Day	Lecturers	Subjects	Hours
Monday		Science	
Tuesday	This case is eliminated because we can not place reasoning and history		
Wednesday			
Thursday		Polity	
Friday	P		
Saturday		Geography	
Sunday			

CASE 2

Explanation Day	Lecturers	Subjects	Hours
Monday	P	Science	
Tuesday		Geography	
Wednesday		Reasoning	1
Thursday		Polity	
Friday			
Saturday		History	
Sunday			

8. Professor who gave Reasoning lecture immediately preceded and followed by R and V respectively.

SBI Clerk/ RBI Assist. Mains – Reasoning

9. Q is not a Polity Professor.
10. The Professor Q gave his lecture on one of the days before Friday
11. Subjects Reasoning & History are taught for same duration

CASE 2

Explanation Day	Lecturers	Subjects	Hours
Monday	P	Science	
Tuesday	R	Geography	
Wednesday	Q	Reasoning	1
Thursday	V	Polity	
Friday			
Saturday		History	1
Sunday			

12. Either the professor T or the professor U not gave his lecture on Sunday.
13. Professor U gave his lecture immediately after T
14. Hindi is neither taught on Monday nor Sunday.
15. General Awareness is neither taught on Tuesday nor on Saturday.
16. Time taken by lecturer R is the sum of time taken by the lecturers Q and U. (Q=1hr, U= 1hr then R = 2hr)

CASE 2

Explanation Day	Lecturers	Subjects	Hours
Monday	P	Science	
Tuesday	R	Geography	2
Wednesday	Q	Reasoning	1
Thursday	V	Polity	
Friday	T	Hindi	
Saturday	U	History	1
Sunday	S	General Awareness	

17. Lecturer P spent more time than Lecturer R.

18. The lecturer who took maximum time is immediately preceded by the person who took less than one hour of maximum time.(maximum is 5 and one less then maximum is 4)
19. The difference between the subjects taught on Friday and Sunday is equaled to the time taken by the lecturer P.

Friday = 4hr and Saturday = 1hr then $P = 4 - 1 = 3$

CASE 2

Explanation Day	Lecturers	Subjects	Hours
Monday	P	Science	3
Tuesday	R	Geography	2
Wednesday	Q	Reasoning	1
Thursday	V	Polity	5
Friday	T	Hindi	4
Saturday	U	History	1
Sunday	S	General Awareness	

20. Total hours taken by all the lecturers is 18 hours.
21. Professor who gave lecture on Sunday spent less than three hours

Here total hour is 18 so we have to place 2hour at Sunday.

Final Arrangement

CASE 2

Explanation Day	Lecturers	Subjects	Hours
Monday	P	Science	3
Tuesday	R	Geography	2
Wednesday	Q	Reasoning	1
Thursday	V	Polity	5
Friday	T	Hindi	4
Saturday	U	History	1
Sunday	S	General Awareness	2

26.a

SBI Clerk/ RBI Assist. Mains – Reasoning

27.e (Subject and Day's)

28.b

29.d

30.c

Solution (31- 35):

1. The exam scheduled on Monday was scheduled on 5PM
2. Economics was scheduled on 7PM but after Thursday.
3. More than two exams were scheduled between Economics and Maths which is not scheduled at 5PM.

CASE 1

Day	Subjects	Timing
Monday		5 pm
Tuesday	This case was eliminated because we cannot place maths	
Wednesday		
Thursday	maths	
Friday	Economics	
Saturday		
Sunday		

CASE 2

Day	Subjects	Timing
Monday		5 pm
Tuesday	Maths	
Wednesday		
Thursday		
Friday		
Saturday	Economics	7 pm
Sunday		

CASE 3

Day	Subjects	Timing
Monday		5 pm
Tuesday		
Wednesday	Maths	
Thursday		
Friday		
Saturday		
Sunday	Economics	7 pm

CASE 4

Day	Subjects	Timing
Monday		5 pm
Tuesday	Maths	
Wednesday		
Thursday		
Friday		
Saturday		
Sunday	Economics	7 pm

4. Only two exams were scheduled between Social Science and the exam scheduled on 2PM.
5. Number of Exam between English and Science was same as between Science and Social Science.
6. Social Science was schedules after science.
7. English exam was not scheduled in 5PM.
8. Exam scheduled on 4 PM was not scheduled after exam on 2PM.

SBI Clerk/ RBI Assist. Mains – Reasoning

CASE 2

Day	Subjects	Timing
Monday		5 pm
Tuesday	Maths	2 pm
Wednesday	English	
Thursday	Science	
Friday	Social Science	
Saturday	Economics	7 pm
Sunday	This case eliminated 8th point not Satisfying	

CASE 2a

Day	Subjects	Timing
Monday		5 pm
Tuesday	Maths	2 pm
Wednesday	English	
Thursday	This case eliminated 8th Point not satisfying	
Friday	Science	
Saturday	Economics	7 pm
Sunday	Social Science	

CASE 3

Day	Subjects	Timing
Monday		5 pm
Tuesday	English	4 pm
Wednesday	Maths	2 pm
Thursday	Science	
Friday		
Saturday	Social Science	
Sunday	Economics	7 pm

CASE 3 a

Day	Subjects	Timing
Monday		5 pm
Tuesday		4 pm
Wednesday	Maths	2 pm
Thursday	English	
Friday	Science	
Saturday	Social Science	
Sunday	Economics	7 pm

CASE 4

Day	Subjects	Timing
Monday		5 pm
Tuesday	Maths	2 pm
Wednesday	English	
Thursday	Science	
Friday	Social Science	
Saturday		
Sunday	Economics	7 pm

This Case eliminated as 8th point not Satisfying

CASE 4 a

Day	Subjects	Timing
Monday		5 pm
Tuesday	Maths	4 pm
Wednesday		2 pm
Thursday	English	
Friday	Science	
Saturday	Social Science	
Sunday	Economics	7 pm

9. Hindi was not scheduled on Monday.
10. Exam in 12 PM was scheduled immediately before the exam which scheduled on 10AM.
11. Science was neither scheduled on 10AM nor 12PM.

SBI Clerk/ RBI Assist. Mains – Reasoning

CASE 3

Day	Subjects	Timing
Monday	History	5 pm
Tuesday	English	4 pm
Wednesday	Maths	2 pm
Thursday	Science	
Friday	Hindi	12 pm
Saturday	Social Science	10 pm
Sunday	Economics	7 pm

CASE 3 a

Day	Subjects	Timing
Monday	History	5 pm
Tuesday	Hindi	4 pm
Wednesday	Maths	2 pm
Thursday	English	
Friday	Science	
Saturday	Social Science	
Sunday	Economics	7 pm

This Case eliminated as is not stisfying point 11

CASE 4 a

Day	Subjects	Timing
Monday	History	5 pm
Tuesday	Maths	4 pm
Wednesday	Hindi	2 pm
Thursday	English	
Friday	Science	
Saturday	Social Science	
Sunday	Economics	7 pm

This Case eliminated as is not stisfying point 11

Final Arrangement

CASE 3

Day	Subjects	Timing
Monday	History	5 pm
Tuesday	English	4 pm
Wednesday	Maths	2 pm
Thursday	Science	6 pm
Friday	Hindi	12 pm
Saturday	Social Science	10 pm
Sunday	Economics	7 pm

31.a

32.c

33.d

34.a

35.e

Solution (36- 40):

1. W has a seminar on Tuesday.
2. Q has a seminar immediately before W.
3. W does not have seminar on any of the days before V.

CASE 1

Days	Time Slots	Students	Fruits
Monday	10 am	V	
	1 pm	Q	
Tuesday	10 am	W	
	1 pm		
Wednesday	10 am		
	1 pm		
Thursday	10 am		
	1 pm		
Friday	10 am		
	1 pm		

SBI Clerk/ RBI Assist. Mains – Reasoning

CASE 2

Days	Time Slots	Students	Fruits
Monday	10 am	V	
	1 pm		
Tuesday	10 am	Q	
	1 pm	W	
Wednesday	10 am		
	1 pm		
Thursday	10 am		
	1 pm		
Friday	10 am		
	1 pm		

CASE 3

Days	Time Slots	Students	Fruits
Monday	10 am		
	1 pm	V	
Tuesday	10 am	Q	
	1 pm	W	
Wednesday	10 am		
	1 pm		
Thursday	10 am		
	1 pm		
Friday	10 am		
	1 pm		

- Only three people have seminar between V and T.
- S does not have seminar on any one of the days after T.
- S has a seminar immediately after the day of one who has seminar on Monday.

CASE 1

Days	Time Slots	Students	Fruits
Monday	10 am	V	
	1 pm	Q	
Tuesday	10 am	W	
	1 pm	S	
Wednesday	10 am	T	
	1 pm		
Thursday	10 am		
	1 pm		
Friday	10 am		
	1 pm		

CASE 2

Days	Time Slots	Students	Fruits
Monday	10 am	V	
	1 pm	S	
Tuesday	10 am	Q	
	1 pm	W	
Wednesday	10 am	T	
	1 pm	This Case eliminated because 6th point not satisfying	
Thursday	10 am		
	1 pm		
Friday	10 am		
	1 pm		

CASE 3

Days	Time Slots	Students	Fruits
Monday	10 am	S	
	1 pm	V	
Tuesday	10 am	Q	
	1 pm	W	
Wednesday	10 am	S	
	1 pm	T	
Thursday	10 am	This Case eliminated because 6th point not satisfying	
	1 pm		
Friday	10 am		
	1 pm		

- Y does not have seminar at 1 P.M.

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8. The one who has seminar at 10.00 A.M. Immediately before X (not given in summary of the puzzle, actually no use of this statement)
9. U does not have seminar at 1 P.M.
10. Only two people have seminar between U and X.
11. 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.

CASE 1 a

Days	Time Slots	Students	Fruits
Monday	10 am	V	
	1 pm	Q	
Tuesday	10 am	W	
	1 pm	S	
Wednesday	10 am	T	
	1 pm	X	
Thursday	10 am	Y	
	1 pm	P	
Friday	10 am	U	
	1 pm	R	

CASE 1b

Days	Time Slots	Students	Fruits
Monday	10 am	V	
	1 pm	Q	
Tuesday	10 am	W	
	1 pm	S	
Wednesday	10 am	T	
	1 pm	Y	
Thursday	10 am	U	This Case eliminated because Point 7 not satisfying
	1 pm		
Friday	10 am		
	1 pm	X	

12. Persons who like Kiwi and Pineapple have seminar on Monday and the persons who like Peach and Watermelon have Seminar on Friday.
13. Persons who like Grape and Orange went to seminar neither on Tuesday nor Thursday
14. U doesn't like Cranberry

In the instruction part it is given which fruit is 10am and 1pm

CASE 1 a

Days	Time Slots	Students	Fruits
Monday	10 am	V	Kiwi
	1 pm	Q	Pinneple
Tuesday	10 am	W	
	1 pm	S	
Wednesday	10 am	T	Grape
	1 pm	X	Orange
Thursday	10 am	Y	
	1 pm	P	
Friday	10 am	U	Peach
	1 pm	R	Watermelon

15. Persons who like Apple and Banana does not have seminar on Thursday

Final Arrangement

SBI Clerk/ RBI Assist. Mains – Reasoning

CASE 1 a

Days	Time Slots	Students	Fruits
Monday	10 am	V	Kiwi
	1 pm	Q	Pinneple
Tuesday	10 am	W	Apple
	1 pm	S	Banana
Wednesday	10 am	T	Grape
	1 pm	X	Orange
Thursday	10 am	Y	Cranberry
	1 pm	P	Strawberry
Friday	10 am	U	Peach
	1 pm	R	Watermelon

36.c

37.d

38.a

39.e

40.b

Solution (41- 45):

- The slot started at 11:00am.
- The first Session was of 45minutes.
- P's session ended at 12:15pm.
- There were 3 sessions between P's session and M's session. P had his session before M

From here it is clear that there are total 8 times slot are there because 8 People are here and also given that ending time of first session end is the starting time of next session.

Slots	Time Slots	Persons	Duration
1	11:00am - 11:45am		45 min
2	11:45am - 12:15pm	P	30 min
3			
4			
5			
6		M	
7			
8			

- M had a session of 30minutes.
- There were two sessions between M's and N's session.
- Number of sessions before J's session was equal to the number of sessions after L's session. J had his session before L.

CASE 1

Slots	Time Slots	Persons	Duration
1	11:00am - 11:45am	J	45 min
2	11:45am - 12:15pm	P	30 min
3	12:15pm -	N	
4			
5			
6		M	30 min
7			
8		L	

CASE 2

Slots	Time Slots	Persons	Duration
1	11:00am - 11:45am		45 min
2	11:45am - 12:15pm	P	30 min
3	12:15pm -	N	
4		J	
5		L	
6		M	30 min
7			
8			

- K's session started at 1:15pm.
- 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.

From here it is clear that at 1:15pm N's session ended and total session is 1 hour

SBI Clerk/ RBI Assist. Mains – Reasoning

CASE 1

Slots	Time Slots	Persons	Duration
1	11:00am - 11:45am	J	45 min
2	11:45am - 12:15pm	P	30 min
3	12:15pm - 1:15pm	N	1 hour
4	1:15pm -	K	
5			
6		M	30 min
7	4:15pm		
8	4:15pm -	L	

CASE 2

Slots	Time Slots	Persons	Duration
1	11:00am - 11:45am		45 min
2	11:45am - 12:15pm	P	30 min
3	12:15pm -	N	
4	This case eliminated	J	
5	because we cannot	L	
6	place K.	M	30 min
7			
8			

11. K and I had consecutive sessions.
12. O's slot started at 3:00pm or 3:30pm.
13. P had his session before M.
14. O and L had equal slot duration.

Here O's starting session starts time is not 3:00pm because there is no time duration is 1 hour 15min

CASE 1

Slots	Time Slots	Persons	Duration
1	11:00am - 11:45am	J	45 min
2	11:45am - 12:15pm	P	30 min
3	12:15pm - 1:15pm	N	1 hour
4	1:15pm -	K	
5		I	
6		M	30 min
7	3:30pm - 4:15pm	O	45min
8	4:15pm -	L	

15. N and I did not have the equal duration slots.

From here it is clear that I's time duration is either 30min or 45 min but 30min is not possible.

Final Arrangement

CASE 1

Slots	Time Slots	Persons	Duration
1	11:00am - 11:45am	J	45 min
2	11:45am - 12:15pm	P	30 min
3	12:15pm - 1:15pm	N	1 hour
4	1:15pm - 2:15pm	K	1 hour
5	2:15 pm - 3:00pm	I	45 min
6	3:00pm - 3:30pm	M	30 min
7	3:30pm - 4:15pm	O	45min
8	4:15pm - 5:00pm	L	45 min

- 41.e
- 42.b
- 43.a
- 44.c
- 45.d

Solution (46- 50):

1. Team Barcelona plays Cricket on Wednesday in the third slot.
2. Hockey is played in the last slot of last day of the week
3. The number of games played before Cricket is equivalent to the number of games played after Baseball.
4. Baseball is played by AC Milan team.

SBI Clerk/ RBI Assist. Mains – Reasoning

Days	Time Slots	Teams	Games
Monday	9:00 am		
	1:00 pm		
	4:00 pm		
Wednesday	9:00 am		
	1:00 pm		
	4:00 pm	Barcelona	Cricket
Friday	9:00 am	AC Milan	Base Ball
	1:00 pm		
	4:00 pm		
Sunday	9:00 am		
	1:00 pm		
	4:00 pm		Hockey

5. Cycling is played by team Chelsea immediately before Hockey.
6. Rowing is played on the same day on which Handball is organized.
7. Athletics is played immediately before Rowing
8. Team Flamingo does not play Hockey.
9. The number of teams playing before the Handball is equivalent to the number of teams playing after Team Flamingo.

CASE 1

Days	Time Slots	Teams	Games
Monday	9:00 am		Athletics
	1:00 pm		Rowing
	4:00 pm		Hand ball
Wednesday	9:00 am		
	1:00 pm		
	4:00 pm	Barcelona	Cricket
Friday	9:00 am	AC Milan	Base Ball
	1:00 pm		
	4:00 pm		
Sunday	9:00 am	Flamingo	
	1:00 pm	Chelsea	Cycling
	4:00 pm		Hockey

CASE 2

Days	Time Slots	Teams	Games
Monday	9:00 am		
	1:00 pm		
	4:00 pm		Athletics
Wednesday	9:00 am		Rowing
	1:00 pm		Hand ball
	4:00 pm	Barcelona	Cricket
Friday	9:00 am	AC Milan	Base Ball
	1:00 pm	Flamingo	
	4:00 pm		
Sunday	9:00 am		
	1:00 pm	Chelsea	Cycling
	4:00 pm		Hockey

10. The number of games played between Judo and Hand Ball is equivalent to the number of games played between Base ball and Cycling.
11. Both Judo and Hand ball are played before Cricket.
12. Team Arsenal plays Judo.

CASE 1

Days	Time Slots	Teams	Games
Monday	9:00 am		Athletics
	1:00 pm		Rowing
	4:00 pm		Hand ball
Wednesday	9:00 am	This case eliminated because we cannot place judo before cricket	
	1:00 pm		
	4:00 pm		
Friday	9:00 am	AC Milan	Base Ball
	1:00 pm		
	4:00 pm		
Sunday	9:00 am	Flamingo	
	1:00 pm	Chelsea	Cycling
	4:00 pm		Hockey

SBI Clerk/ RBI Assist. Mains – Reasoning

CASE 2

Days	Time Slots	Teams	Games
Monday	9:00 am	Arsenal	Judo
	1:00 pm		
	4:00 pm		Athletics
Wednesday	9:00 am		Rowing
	1:00 pm		Hand ball
	4:00 pm	Barcelona	Cricket
Friday	9:00 am	AC Milan	Base Ball
	1:00 pm	Flamingo	
	4:00 pm		
Sunday	9:00 am		
	1:00 pm	Chelsea	Cycling
	4:00 pm		Hockey

13. Team Real Madrid plays Boxing at 1:00pm.
14. Only 2 teams play between Manchester United and Kerala Blaster teams.
15. There are 3 teams between play between Flamingo and Manchester United team.
16. Team La Liga plays Golf.

CASE 2

Days	Time Slots	Teams	Games
Monday	9:00 am	Arsenal	Judo
	1:00 pm	Real Madrid	Boxing
	4:00 pm		Athletics
Wednesday	9:00 am		Rowing
	1:00 pm		Hand ball
	4:00 pm	Barcelona	Cricket
Friday	9:00 am	AC Milan	Base Ball
	1:00 pm	Flamingo	
	4:00 pm	Kerala Blaster	
Sunday	9:00 am	La Liga	Golf
	1:00 pm	Chelsea	Cycling
	4:00 pm	Manchester United	Hockey

17. Diving is played before Shooting.
18. Athletics is played by neither Liverpool nor Porto team.

19. Team Liverpool does not play Hand ball.

CASE 2

Days	Time Slots	Teams	Games
Monday	9:00 am	Arsenal	Judo
	1:00 pm	Real Madrid	Boxing
	4:00 pm	Inter Milan	Athletics
Wednesday	9:00 am	Liverpool	Rowing
	1:00 pm		Hand ball
	4:00 pm	Barcelona	Cricket
Friday	9:00 am	AC Milan	Base Ball
	1:00 pm	Flamingo	Diving
	4:00 pm	Kerala Blaster	Shooting
Sunday	9:00 am	La Liga	Golf
	1:00 pm	Chelsea	Cycling
	4:00 pm	Manchester United	Hockey

Final Arrangement

CASE 2

Days	Time Slots	Teams	Games
Monday	9:00 am	Arsenal	Judo
	1:00 pm	Real Madrid	Boxing
	4:00 pm	Inter Milan	Athletics
Wednesday	9:00 am	Liverpool	Rowing
	1:00 pm	Porto	Hand ball
	4:00 pm	Barcelona	Cricket
Friday	9:00 am	AC Milan	Base Ball
	1:00 pm	Flamingo	Diving
	4:00 pm	Kerala Blaster	Shooting
Sunday	9:00 am	La Liga	Golf
	1:00 pm	Chelsea	Cycling
	4:00 pm	Manchester United	Hockey

- 46.d
- 47.a
- 48.e
- 49.a
- 50.c

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Puzzle Scheduling

Direction (1-5): Study the given information carefully to answer the following questions:

Eight persons, P, Q, R, S, T, U, V and W joined a company on 19th of different months, January, March, April, June, July, September, October and December of different years, 1989, 1992, 1997, 1999, 2007, 2010, 2014 and 2016. Difference in the years is considered as per the joining year, not considering the month of joining.

U, who joins in April, joins just before the person, who joins in December. R joins just before W. Two persons join the company between T and the person, who joins in October. Both P and W don't join in October; exactly one person doesn't join between Q and R. The difference in the years of joining of P and the person, who joins in March, is 7 years. Person, who joins in June, joins the company just before the person, who joins in March. The one joins in January joins before the one joins in July. Two persons join the company between V and the person, who joins in June. T joins in September but not in an odd numbered year.

1) How many persons join after the person, who joins in December?

- a. 4
- b. 2
- c. 6
- d. 3
- e. Cannot be determined

2) How many persons join before S?

- a. Same as the number of persons who join after Q.
- b. Same as the number of persons joining between U and T.
- c. Same as the number of persons joining after W.
- d. Cannot be determined
- e. None of these

3) Who among the following joins immediately after W?

- a. P
- b. Q
- c. V
- d. S
- e. T

4) Four of the following forms a group. Which among the following does not belongs to that group?

- a. P
- b. Q
- c. V
- d. S
- e. T

5) S joins in which of the month?

- a. March
- b. October
- c. July
- d. December
- e. None of these

Directions (6-10): Study the given information carefully to answer the following questions:

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Sanjana planned to study for one subject per day during one week of ‘Preparation Leaves’ starting from Monday. She decided one among them as the rest day. She planned to prepare for six subjects namely, History, Math, Science, Economics, Civics and English. She also planned the number of hours to be spent on each subject. According to Sanjana, Science and English are difficult subjects whereas Math and Civics are easy subjects.

Sanjana cannot study two hard subjects on consecutive days. She planned to spend only two hours on one of the easy subject’s preparation. She decided to start with Science preparation two days after civics preparation. She planned to study for ten hours on an immediately one day before the rest day. She decided to spend five hours on Civics preparation on the day, which is four days before the History’s preparation day. She planned to take rest on an immediately following day after preparing for two difficult subjects. She also decided to spend four hours on Science preparation and end it before Thursday. She decided to spend six hours on Economics but not on Thursday.

6. Which among the following day is the rest day as per Sanjana’s planning?

- a. Tuesday
- b. Monday
- c. Thursday
- d. Sunday
- e. None of these

7. What is the average number of hours spent by Sanjana on difficult subjects?

- a. 4
- b. 7
- c. 6
- d. 10
- e. 14

8. Which of the following statement is false as per the given information?

- a. Sanjana planned to spend ten hours on Science preparation.
- b. Sanjana planned to spend five hours on Civics preparation.
- c. Sanjana planned to spend six hours on Economics preparation.
- d. Sanjana planned to spend two hours on Math preparation.
- e. All of the above.

9) Which subjects did Sanjana study on Friday and Tuesday respectively?

- a. None, English
- b. Math, Economics
- c. English, None
- d. History, Economics
- e. Math, English

10) Which subject did Sanjana study on Wednesday?

- a. Civics
- b. Economics
- c. Math

d. History

e. Science

11-15) Study the given information carefully to answer the following questions:

There are seven different Coffee shops – A, B, C, D, E, F and G sold coffee one on each day starting from Monday to Sunday (of the same week) not necessarily in same order. The number of coffee cups sold by the seven coffee shops in seven different days of a same week is 100, 77, 68, 81, 118, 53 and 106 (not necessarily in the same order).

D sold 77 cups of coffee. 53 cups of coffee is been sold by B. 81 coffee cups were sold on Wednesday and 3 days after Wednesday B sold the coffee. Shop which sells 68 cups of coffee does not sell it either on Monday or Thursday. On Thursday a shop sold 118 coffee cups and on the day after Thursday F sold 106 coffee cups. G sold 81 cups of coffee while the shop which sold 100 cups of coffee does not sell it either on Monday or Sunday. C does not sell coffee either on Saturday or Sunday. C sell coffee after E.

11) The least number of coffee were sold on?

a. Tuesday

b. Friday

c. Sunday

d. Saturday

e. None of the given options is true

12) Two shops sold coffee in difference of 12, on successive days. Less coffee is sold on which day?

a. Wednesday

b. Monday

c. Tuesday

d. Thursday

e. Friday

13) Which of the following combinations of “number of Coffee sold - shop” is true for Monday?

a. 81 – D

b. 81 – E

c. 77 – D

d. 100 – A

e. 106 – B

14) Which of the following number of coffee is sold by shop F?

a. 81

b. 118

c. 106

d. 77

e. 68

15) Which of the following combination is not true?

a. Monday-77-D

b. Tuesday-100-E

c. Wednesday- 81-G

d. Sunday- 100-F

e. Friday-106-F

16-20) Study the given information carefully to answer the following questions1:

Eight persons A, B, C, D, E, F, G and H have different exams on different dates (of the same month and year)

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among 2nd, 4th, 5th, 7th, 9th, 10th, 12th and 13th. Each of these persons belongs to different places. They also have different exams

G has exam one day before the person, who is from Indore. There is a gap of four days between the exams of G and the person, who has UPSC exam. A has exam two days before the person, who has UPSC exam. Only one person has exam after the person, who has PO exam. F, who is from Bhopal, and A have exams one after the other. F doesn't have exam on 7th. Three persons have exam between F and D. E has exam immediately after the one, who has SSC exam. D is not from Indore. E doesn't have PO exam. C has exam after B but not on the last day. B has clerk exam. Person from Patna has exam five days after B. Neither B nor G is from Lucknow. Person, who has CHSL exam, has exam immediately after the person from Lucknow. C doesn't have Insurance exam. Person, from Mumbai, has exam three days before the person, who has Insurance exam. Persons from Agra and Gwalior have exams before 10th. One of the persons is from Pune.

16) Who among the following has exam after the person from Pune?

- I. H
- II. D
- III. C
- a. Only II
- b. Both I and II
- c. Both II and III
- d. Only I

e. Only III

17) Person from where has exam on 2nd?

- a. Agra
- b. Can't be determined
- c. Gwalior
- d. Bhopal
- e. None of these

18) Who among the following has UPSC exam?

- a. Person from Mumbai.
- b. Person from Patna.
- c. Person from Gwalior.
- d. Can't be determined
- e. None of these.

19) Who has exam five days before the person from Pune?

- a. A
- b. E
- c. C
- d. F
- e. None of these

20) Who among the following has SSC exam?

- a. B
- b. C
- c. A
- d. D
- e. None of these.

21-25) Read the following information carefully to answer the question that follows:

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Nine candidates have exams on different dates (5th, 18th and 23th) on 3 different months (April, May and June) of the same year. They have exams of different subject viz. (Physics, Chemistry, Biology, Mathematics, History, Hindi, English, Economics and Polity

Three candidates have exams between H and F who does not have exam of Biology. G has exam of Hindi but after B and before A. J has exam of Physics but it is scheduled immediately before F. D's exam which is not of Biology is immediately after E's exam but they have exam in different months. C has exam of Polity but immediately after H and neither of them has exam on 5th. B and E does not give the exam of biology. H gives exam of the subject in which the topics are financial. The exam of chemistry is scheduled immediately after the exam of Mathematics. F does not give the exam of English but gives the exam after the exam of English.

21) B has exam on which date and of which subject?

- a. 18th May , Hindi
- b. 18th April , English
- c. 5th May, History
- d. 5th April, English
- e. None of these

22)G has exam on which date?

- a. 18th May
- b. 5th May
- c. 18th April
- d. 23th May
- e. None of these

23) Who among the following has exam of the subject in which we study about the gravity?

I. F

II. D

III. J

- a. Either I or II
- b. Only II
- c. Only III
- d. Only I
- e. None of these

24) Which among the following group has a exam of Language?

- a. B, G
- b. F, G
- c. G, H
- d. G, D
- e. G, C

25) Who has exam of History?

- a. None of these
- b. G
- c. F
- d. B
- e. A

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

8 different organizations - A, F, H, K, N, P, S and V have scheduled their seminars in eight different months - January, February, March, April, May, June, July and August, not necessarily in the same order.

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Only two dates have been fixed for seminar for each organization i.e. 25th and 31th. Seminar of N will be held on third month after the seminar of S but their dates are different. Seminar of S will be held after February. Seminar of A will be held on the second month after the P's seminar but immediately after the seminar of H. P's seminar date is different from the seminar dates of A and H both. Seminar of K will be held before the seminar of F and V both. Seminar of F will neither be held in June nor in August. Date of seminars of N and V is same but of V and P are different. Seminar of F and the organization whose seminar is in June, both will be on the same date.

26) Seminar of K will be held in which month?

- a. January
- b. February
- c. March
- d. April
- e. May

27) Which organization seminar will be held immediate after the S's seminar?

- a. A
- b. F
- c. N
- d. P
- e. V

28) How many organizations have their seminars on 25th?

- a. Two
- b. Three

- c. Four
- d. Five
- e. Six

29) Four of the following five options are alike in a certain way, hence they form a group, find out the odd pair?

- a. A and F
- b. H and N
- c. N and V
- d. K and V
- e. P and S

30) Which of the following combination is not correct?

- a. A - March - 25
- b. F - July - 30
- c. H - February - 25
- d. N - August - 25
- e. S - May – 31

31-35) Study the given information carefully to answer the following questions:

Eight candidates A, B, C, D, E, F, G and H has NTPC exams on different days either on 7th or 20th of four months among August, September, October and November in 2020. Each of them belongs to different places. One of the persons is from Agra.

Three persons have exam before C's exam. G is from Jabalpur and his exam is immediately after F's exam but not in the same month. Two persons have exam between E's and H's exam. Person from Kanpur has exam immediately after E's exam but not in September. D is

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from Jhansi and has exam immediately after B's exam but not on 20th August. Person from Bhopal has exam immediately after A's exam. B is not from Bhopal. Person from Lucknow has exam immediately after the one from Indore. Person from Gwalior doesn't have exam at last.

31) How many persons have exam between A and the person from Agra?

- a. Four
- b. One
- c. Three
- d. Five
- e. None of these

32) Person from Gwalior has exam on which date?

- a. 7th September
- b. 7th August
- c. 20th August
- d. 7th October
- e. None of these

33) Who among the following has exam after the person from Lucknow?

I. Person from Jhansi

II. Person from Agra.

III. Person from Gwalior.

- a. Both I and III
- b. Only II
- c. Only I
- d. Both I and II
- e. Both II and III

34) Who has exam immediately after G's exam?

- a. Person from Agra
- b. Person from Indore
- c. F
- d. None of these
- e. H

35) From which does B belongs to?

- a. Agra
- b. Kanpur
- c. Indore
- d. Jhansi
- e. None of these

36-40) Study the given information carefully to answer the following questions:

There are 12 members (A, B, C, D, E, F, G, H, I, J, K and L) each has decided to play a different game in their college for the tournament that is going to be held in a week from Monday to Saturday. 2 games will be played in a day such that 1 in the morning and 1 in the evening.

E likes to play carom which is going to be played on Monday evening. H will play kabaddi on Thursday morning. F plays handball which is the last game of the tournament. C likes to play badminton which is scheduled on Tuesday evening. B plays football which is exactly between C and F. Tennis tournament is immediately before kabaddi. G will play between E and C. Cycling tournament will be held exactly between the tournaments in which B and F will participate. The first tournament is Chess. K loves swimming and I loves volleyball. K will play before I. J will play before I and there will be only

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one game between them. L will play in the morning. One person plays Rugby.

36) Which sport will be played between Swimming and Kabaddi?

- a. Handball
- b. Badminton
- c. Carrom
- d. Cycling
- e. Tennis

37) G played on which of the following day?

- a. Monday
- b. Tuesday
- c. Wednesday
- d. Thursday
- e. Friday

38) How many persons played between G and J?

- a. 4
- b. 7
- c. 6
- d. 5
- e. None of these

39) If Rugby will be played before D, then Who will play tennis?

- a. K
- b. D
- c. A
- d. B
- e. Cannot be determined

40) Cycling tournament will be held on which of the following day?

- a. Tuesday
- b. Saturday
- c. Friday
- d. Wednesday
- e. None of these

41-45) Study the below details and answer the following questions.

12 persons (M, N, O, P, Q, R, S, T, U, V, W and X) are told to prepare a seminar on chapters from 1 to 12 such that no one prepare for the same chapter. The seminar takes place such that each day two persons are allowed, one at 8 AM and the other at 2 PM from Monday to Saturday.

X is the 2nd person to take seminar and he chose chapter 1. P prepares the last chapter for seminar and has the seminar at 8 AM on Wednesday. R does the seminar on Thursday at 2 PM on chapter 2. V, Q, and S has seminars immediately one after the other and they prepare for the consecutive chapters. R has the seminar between the people who prepared chapter 9 and 10 for seminar. The person who prepared chapter 8 has the seminar immediately after the person who has seminar on chapter 3. N has the seminar on Thursday but did not prepare chapter 10. W chose chapter 4 and has seminar on Wednesday. U has the seminar between X and O. V does not prepare for chapter 10.

41) Who has the seminar immediately after R?

- a. M
- b. X
- c. T
- d. V
- e. Cannot be determined

42) How many persons had seminar between V and O?

- a. 4
- b. 5
- c. 6
- d. 7
- e. Cannot be determined

43) Who among the following had the seminar on Saturday?

- a. S
- b. V
- c. Q
- d. P
- e. Both 1 and 3

44) Which of the following chapter did V prepare?

- a. 9
- b. 6
- c. 7
- d. 5
- e. None of these

45) If M does not choose chapter 10 then T takes seminar on which of the following Chapter?

- a. 8
- b. 10
- c. 12

- d. 9
- e. 11

46-50) Study the below details and answer the following questions.

Eight kids, A, B, C, D, E, F, G, and H were born on different dates among 3rd, 5th, 17th, 18th, 20th, 22nd, 23rd and 27th of different months in year 2019. No kid was born in January, February, June and August. Only the months are considered not the dates while counting the number of months between the birth of two kids.

A was born in a month which consists of 30 days but not in November. Two kids were born between A and the one, who was born on 22nd. G was born in October. B was born on 18th and in the month which is three months before the month in which G was born. G was born after the one, who was born on 22nd. D was born immediately after B. The kid, who was born on 5th, was born in the month, which is at most five months before the month in which G was born. Neither D nor A was born on 5th. F was born on 3rd but before 5th. E was born before November. The kid, who was born on 20th, was born immediately before C. The kid, who was born on 27th, was born after H.

46) Who was born immediately after G?

- a. C
- b. H
- c. D
- d. E
- e. None of these

SBI Clerk/ RBI Assist. Mains – Reasoning

47) Who was born on 17th of a month?

- a. C
- b. H
- c. D
- d. E
- e. A

48) Who among the following was/were born after H?

- I. C
- II. B
- III. D
- a. Both I and II
- b. Only II
- c. Only III
- d. Only I

e. Both II and III

49) G was born on which date?

- a. 17th
- b. 18th
- c. 20th
- d. 22nd
- e. Cannot be determined

50) How many kids were born between H and the one, who was born on 3rd of a month?

- a. Four
- b. Five
- c. One
- d. Three
- e. None of these

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Puzzle Scheduling - Answer with Explanation

Solution 1-5

1. The difference in the years of joining of P and the person, who joins in March, is 7 years.
2. Person, who joins in June, joins the company just before the person, who joins in March.

Case-1			Case-2		Case-3		Case-4	
Year	Person	Month	Person	Month	Person	Month	Person	Month
1989								June
1992					P			March
1997						June		

SBI Clerk/ RBI Assist. Mains – Reasoning

1999				June		March	P	
2007	P			March				
2010		June						
2014		March	P					
2016								

3. Two persons join the company between V and the person, who joins in June. Hence, Case-4 is eliminated

4. T joins in September but not in an odd numbered year.

Case-1			Case-1 (a)		
Year	Person	Month	Year	Person	Month
1989			1989		
1992	T	September	1992		
1997	V		1997	V	
1999			1999		
2007	P		2007	P	
2010		June	2010		June
2014		March	2014		March
2016			2016	T	September

Case-2			Case-2 (a)		Case-2 (b)	
Year	Person	Month	Person	Month	Person	Month

SBI Clerk/ RBI Assist. Mains – Reasoning

1989	V		V		V	
1992	T	Septemb er				
1997						
1999		June		June		June
2007		March		March		March
2010			T	September		
2014	P		P		P	
2016					T	September

Case-3			Case-3 (a)	
Year	Person	Month	Person	Month
1989				
1992	P		P	
1997		June		June
1999		March		March
2007				
2010	V		V	
2014	T	September		
2016			T	September

SBI Clerk/ RBI Assist. Mains – Reasoning

5. Two persons join the company between T and the person, who joins in October.

6. Both P and W don't join in October.

Hence, Case-1, Case -1(a), Case-2, Case-2(b), Case-3 is eliminated

	Case-2 (a)		Case-3 (a)	
Year	Person	Month	Person	Month
1989	V			
1992			P	
1997		October		June
1999		June		March
2007		March		October
2010	T	September	V	
2014	P			
2016			T	September

7. R joins just before W. Exactly one person doesn't join between Q and R.

8. U, who joins in April, joins just before the person, who joins in December

Hence, Case-2(a) is eliminated.

9. The one joins in January joins before the one joins in July.

Year	Person	Month
1989	U	April
1992	P	December
1997	R	June
1999	W	March

SBI Clerk/ RBI Assist. Mains – Reasoning

2007	S	October
2010	V	January
2014	Q	July
2016	T	September

1. C
2. C
3. D
4. D
5. B

Solution 6-10

1) She decided to spend five hours on Civics preparation on the day, which is four days before the History's preparation day.

So, there are possibilities of three days for Civics preparation i.e. Monday, Tuesday and Wednesday.

2) She decided to spend four hours on Science preparation and end it before Thursday.

So, there are possibilities of three days for Science preparation i.e. Monday, Tuesday and Wednesday.

3) She also planned to start with Science preparation two days after civics preparation.

(This condition satisfies only if preparation days of Civics and Science are Monday and Wednesday respectively.)

Day	Subject	No of hours
Monday	Civics	5

Tuesday		
Wednesday	Science	4
Thursday		
Friday	History	
Saturday		
Sunday		

4) She cannot study two hard subjects on consecutive days.

(i.e. English is the difficult subject and can be studied on either Saturday or Sunday.)

5) She planned to take rest on an immediately following day after preparing for two difficult subjects.

(That implies, she prepares for an English subject on Saturday and takes rest on Sunday.)

6) She planned to study for ten hours on an immediate one day before the rest day.

SBI Clerk/ RBI Assist. Mains – Reasoning

Day	Subject	No of hours
Monday	Civics	5
Tuesday		
Wednesday	Science	4
Thursday		
Friday	History	
Saturday	English	10
Sunday	Rest day	

7) She planned to spend six hours on Economics but not on Thursday.

(That implies Economics will be studied on Tuesday.)

8) She planned to spend only two hours on one of the easy subject's preparation.

(Given that, Math and Civics are easy subjects.)

Day	Subject	No of hours
Monday	Civics	5
Tuesday	Economics	6
Wednesday	Science	4
Thursday	Math	2
Friday	History	

Saturday	English	10
Sunday	Rest day	

6. D

7. B

8. A

9. D

10. E

Solution 11-15

1) On Thursday a shop sold 118 coffee cups and on the day after Thursday F sold 106 coffee cups.

Day	Coffee cups sold	Shop
Monday		
Tuesday		
Wednesday		
Thursday	118	
Friday	106	F
Saturday		
Sunday		

2) 53 cups of coffee is been sold by B.

3) 81 coffee cups were sold on Wednesday and 3 days after Wednesday B sold the coffee.

Day	Coffee cups sold	Shop

SBI Clerk/ RBI Assist. Mains – Reasoning

Monday		
Tuesday		
Wednesday	81	
Thursday	118	
Friday	106	F
Saturday	53	B
Sunday		

4) D sold 77 cups of coffee.

Day	Coffee cups sold	Shop
Monday	77	D
Tuesday	77	D
Wednesday	81	
Thursday	118	
Friday	106	F
Saturday	53	B
Sunday	77	D

5) G sold 81 cups of coffee while the shop which sold 100 cups of coffee does not sell it either on Monday or Sunday.

Day	Coffee cups sold	Shop

Monday	77	D
Tuesday	100	
Wednesday	81	G
Thursday	118	
Friday	106	F
Saturday	53	B
Sunday	77	D

6) Shop which sells 68 cups of coffee does not sell it either on Monday or Thursday.

Day	Coffee cups sold	Shop
Monday	77	D
Tuesday	100	
Wednesday	81	G
Thursday	118	
Friday	106	F
Saturday	53	B
Sunday	68	

7) C does not sell coffee either on Saturday or Sunday.

8) C sell coffee after E.

SBI Clerk/ RBI Assist. Mains – Reasoning

Day	Coffee cups sold	Shop
Monday	77	D
Tuesday	100	E
Wednesday	81	G
Thursday	118	C
Friday	106	F
Saturday	53	B
Sunday	68	

Since the left shop is A, thus final arrange would be as following.

Day	Coffee cups sold	Shop
Monday	77	D
Tuesday	100	E
Wednesday	81	G
Thursday	118	C
Friday	106	F
Saturday	53	B
Sunday	68	A

11. D

12. E

13. C

14. C

15. D

Solutions 16-20

- Only one person has exam after the person, who has PO exam,
- G has exam one day before the person from Indore.
- There is a gap of four days between the exams of G and the person, who has UPSC exam.
- A has exam two days before the person, who has UPSC exam, so, G has exam either on 4th or 9th or 12th.

Case I:

2 nd			
4 th	G		
5 th			Indore
7 th	A		
9 th		UPSC	
10 th			
12 th		PO	
13 th			

Case II:

2 nd	A		
4 th		UPSC	

SBI Clerk/ RBI Assist. Mains – Reasoning

5 th			
7 th			
9 th	G		
10 th			Indore
12 th		PO	
13 th			

Case III:

2 nd			
4 th			
5 th	A		
7 th		UPSC	
9 th			
10 th			
12 th	G	PO	
13 th			Indore

5. F, who is from Bhopal and A has exams one after the other.

6. F doesn't have exam on 7th.

7. Three persons have exam between F and D.

Case I:

2 nd	D		
4 th	G		
5 th			Indore

7 th	A		
9 th	F	UPSC	Bhopal
10 th			
12 th		PO	
13 th			

Case II:

2 nd	A		
4 th	F	UPSC	Bhopal
5 th			
7 th			
9 th	G		
10 th	D		Indore
12 th		PO	
13 th			

Case III:

2 nd			
4 th	F		Bhopal
5 th	A		
7 th		UPSC	
9 th			
10 th	D		
12 th	G	PO	

SBI Clerk/ RBI Assist. Mains – Reasoning

13 th			Indore
------------------	--	--	--------

8. D is not from Indore, so case II is rejected.

9. E has exam immediately after the one, who has SSC exam.

10. E doesn't have PO exam.

11. C has exam after B but not on the last day, so H has exam on 13th.

12. B has clerk exam.

Case I:

2 nd	D		
4 th	G	SSC	
5 th	E		Indore
7 th	A		
9 th	F	UPSC	Bhopal
10 th	B	Clerk	
12 th	C	PO	
13 th	H		

Case III:

2 nd	B	Clerk	
4 th	F		Bhopal
5 th	A	SSC	
7 th	E	UPSC	
9 th	C		
10 th	D		

12 th	G	PO	
13 th	H		Indore

13. Person from Patna has exam five days after B, this is not possible in case I, so case I is rejected.

14. Person, who has CHSL exam, has exam immediately after the person from Lucknow.

15. Neither B nor G is from Lucknow.

2 nd	B	Clerk	
4 th	F		Bhopal
5 th	A	SSC	
7 th	E	UPSC	Patna
9 th	C		Lucknow
10 th	D	CHSL	
12 th	G	PO	
13 th	H		Indore

16. C doesn't have insurance exam.

17. Person, from Mumbai, has exam three days before the person, who has Insurance exam.

18. Person from Agra and Gwalior has exams before 10th, so person from Pune has exam on 12th.

The final table is given below:

Date	Person	Exam	Place
2 nd	B	Clerk	Agra/Gwalior
4 th	F	Railways/BPSC	Bhopal

SBI Clerk/ RBI Assist. Mains – Reasoning

5 th	A	SSC	Gwalior/Agra
7 th	E	UPSC	Patna
9 th	C	BPSC/Railways	Lucknow
10 th	D	CHSL	Mumbai
12 th	G	PO	Pune

13 th	H	Insurance	Indore
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16. D

17. B

18. B

19. B

20. C

Solution 21-25

1. C has exam of Polity but immediately after H and neither of them has exam on 5th
2. Three candidates have exams between H and F who does not have exam of Biology
3. J has exam of Physics but it is scheduled immediately before F.

	Case I			Case II			Case III		
Months	5th	18th	23th	5th	18th	23th	5th	18th	23th
April		H	C (Polity)						J(Physics)
May		J (Physics)	F (Biology)		H	C(Polity)	F (Biology)		
June					J (Physics)	F (Biology)		H	C(Polity)

4. D's exam which is not of Biology is immediately after E's exam but they have exam in different months. This is not possible in case I, so case I is rejected.

	Case II			Case III		
Months	5th	18th	23th	5th	18th	23th
April			E			J(Physics)

SBI Clerk/ RBI Assist. Mains – Reasoning

May	D (Biology)	H	C(Polity)	F (Biology)		E
June		J (Physics)	F (Biology)	D (Biology)	H	C(Polity)

5. G has exam of Hindi but after B and before A.

6. B and A together don't have exam on 5th.

This is not possible in case II, so case II is rejected.

	Case III		
Months	5th	18th	23th
April	B	G (Hindi)	J(Physics)
May	F (Biology)	A	E
June	D (Biology)	H	C(Polity)

7. B and E does not give the exam of biology

8. H gives exam of the subject in which the topics are financial

So, H gives the exam of Economics

Now, only A is left so A gives the exam of Biology

Months	5th	18 th	23th
April	B	G (Hindi)	J(Physics)
May	F	A (Biology)	E

SBI Clerk/ RBI Assist. Mains – Reasoning

June	D	H (Economics)	C(Polity)
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9. The exam of chemistry is scheduled immediately after the exam of Mathematics

10. F does not give the exam of English but gives the exam after the exam of English.

Hence, B gives the exam of English and Now only F is left so F gives the exam of History

The final schedule will be

Months	5th	18 th	23th
April	B (English)	G (Hindi)	J(Physics)
May	F (History)	A (Biology)	E (Mathematics)
June	D (Chemistry)	H (Economics)	C(Polity)

21. D

22. C

23. C

24. A

25. C

Solutions 26-30

1) Seminar of N will be held on third month after the seminar of S but their dates are different.

2) Seminar of S will be held after February.

Case 1

Organization	Month	Date
A		
F		

H		
K		
N	June	25
P		
S	March	31
V		

Case 2

SBI Clerk/ RBI Assist. Mains – Reasoning

Organization	Month	Date
A		
F		
H		
K		
N	July	31
P		
S	April	25
V		

Case 3

Organization	Month	Date
A		
F		
H		
K		
N	August	31/25
P		
S	May	25/31
V		

3) Seminar of A will be held in the third month of the year after the P's seminar but immediately after the seminar of H.

$P \rightarrow H \rightarrow A$

This condition doesn't satisfy in case 1 so this case gets eliminated.

4) P's seminar date is different from the seminar dates of A and H both.

In case 3, we have two sub-cases as

January, February, March \rightarrow This satisfies condition 4).

February, March, April \rightarrow This doesn't satisfy condition 4) as if February = 25th, then March and April = 31st which is not possible as April has only 30 days.

Case 2

Organization	Month	Date
A	March	25
F		
H	February	25
K		
N	July	31
P	January	31
S	April	25
V		

Case 3

SBI Clerk/ RBI Assist. Mains – Reasoning

Organization	Month	Date
A	March	25
F		
H	February	25
K		
N	August	31/25
P	January	31
S	May	25/31
V		

5) Seminar of K will be held before the seminar of F and V both.

6) Seminar of F will neither be held in June nor in August. This condition doesn't satisfy in case 2 so this case gets eliminated.

7) Date of seminars of N and V is same but of V and P are different.

Since, June has 30 days, so N and V seminar dates will be 25th.

Case 3

Organization	Month	Date
A	March	25
F	July	
H	February	25

K	April	25
N	August	25
P	January	31
S	May	31
V	June	25

8) Seminar of F and of the organization whose seminar is in June, both will be on the same date.

Organization	Month	Date
A	March	25
F	July	25
H	February	25
K	April	25
N	August	25
P	January	31
S	May	31
V	June	25

26. D

27. E

28. E

29. E

30. B

Solution 31-35

SBI Clerk/ RBI Assist. Mains – Reasoning

- Three persons have exam before C's exam.
- G is from Jabalpur and his exam is immediately after F's exam but not in the same month, so G has exam on either 7th September or 7th November:

Case I:

	7 th	20 th
August		F
September	G(Jabalpur)	C
October		
November		

Case II:

	7 th	20 th
August		
September		C
October		F
November	G(Jabalpur)	

- Two persons have exam between E's and H's exam.
- Person from Kanpur has exam immediately after E's exam but not in September.

Case I:

	7 th	20 th
August		F
September	G(Jabalpur)	C

October	E	(Kanpur)
November		H

Case II(a):

	7 th	20 th
August		H
September		C
October	E	F(Kanpur)
November	G(Jabalpur)	

Case II(b):

	7 th	20 th
August		
September		C
October	E	F(Kanpur)
November	G(Jabalpur)	H

- D from Jhansi has exam immediately after B's exam but not on 20th August, this is not possible in case II(a), so case II(a) is rejected. And thus, A's exam is on 7th August.
- Person from Bhopal has exam immediately after A's exam, so either F or B is from Bhopal.

Case I:

	7 th	20 th
August	A	F(Bhopal)

SBI Clerk/ RBI Assist. Mains – Reasoning

September	G(Jabalpur)	C
October	E	B(Kanpur)
November	D(Jhansi)	H

Case II(b):

	7 th	20 th
August	A	B(Bhopal)
September	D(Jhansi)	C
October	E	F(Kanpur)
November	G(Jabalpur)	H

7. B is not from Bhopal, so case II(b) is rejected.

8. Person from Lucknow has exam immediately after the one from Indore, so E is from Lucknow and C is from Indore.

9. Person from Gwalior doesn't have exam at last, so A is from Gwalior and H is from Agra.

The final schedule table is given below:

	7 th	20 th
August	A(Gwalior)	F(Bhopal)
September	G(Jabalpur)	C(Indore)
October	E(Lucknow)	B(Kanpur)
November	D(Jhansi)	H(Agra)

31. E

32. B

33. D

34. B

35. B

Solutions 36-40

1) E likes to play carom which is going to be played on Monday evening.

2) H will play kabaddi on Thursday morning.

3) F plays handball which is the last game of the tournament.

4) C likes to play badminton which is scheduled on Tuesday evening.

Days		Person	Game
Monday	Morning		
	Evening	E	Carrom
Tuesday	Morning		
	Evening	C	Badminton
Wednesday	Morning		
	Evening		
Thursday	Morning	H	Kabaddi
	Evening		
Friday	Morning		
	Evening		
Saturday	Morning		

SBI Clerk/ RBI Assist. Mains – Reasoning

	Evening	F	Handball
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5) Tennis tournament is immediately before kabaddi.

6) G will play between E and C.

Days		Person	Game
Monday	Morning		
	Evening	E	Carrom
Tuesday	Morning	G	
	Evening	C	Badminton
Wednesday	Morning		
	Evening		Tennis
Thursday	Morning	H	Kabaddi
	Evening		
Friday	Morning		
	Evening		
Saturday	Morning		
	Evening	F	Handball

7) B plays football which is exactly between C and F.

8) Cycling tournament will be held exactly between the tournaments in which B and F will participate.

9) The first tournament is Chess.

Days		Person	Game
------	--	--------	------

Monday	Morning		Chess
	Evening	E	Carrom
Tuesday	Morning	G	
	Evening	C	Badminton
Wednesday	Morning	K	Swimming
	Evening		Tennis
Thursday	Morning	H	Kabaddi
	Evening	B	Football
Friday	Morning		
	Evening		Cycling
Saturday	Morning		
	Evening	F	Handball

10) K loves swimming and I loves volleyball. K will play before I.

11) J will play before I and there will be only one game between them.

12) L will play in the morning.

Days		Person	Game
Monday	Morning	L	Chess
	Evening	E	Carrom
Tuesday	Morning	G	

SBI Clerk/ RBI Assist. Mains – Reasoning

	Evening	C	Badminton
Wednesday	Morning	K	Swimming
	Evening	A/D	Tennis
Thursday	Morning	H	Kabaddi
	Evening	B	Football
Friday	Morning	J	
	Evening	A/D	Cycling
Saturday	Morning	I	Volleyball
	Evening	F	Handball

36. E

37. B

38. D

39. E

40. C

Solution 41-45

- 1) X is the 2nd person to take seminar and he chose chapter 1.
- 2) P prepares the last chapter for seminar and has the seminar at 8 AM on Wednesday.
- 3) R does the seminar on Thursday at 2 PM on chapter 2.

Days	Time	Person	Chapter
Monday	8 am		
	2 pm	X	1

Tuesday	8 am		
	2 pm		
Wednesday	8 am	P	12
	2 pm		
Thursday	8 am		
	2 pm	R	2
Friday	8 am		
	2 pm		
Saturday	8 am		
	2 pm		

4) N has the seminar on Thursday but did not prepare chapter 10.

5) W chose chapter 4 and has seminar on Wednesday.

Days	Time	Person	Chapter
Monday	8 am		
	2 pm	X	1
Tuesday	8 am		
	2 pm		
Wednesday	8 am	P	12
	2 pm	W	4

SBI Clerk/ RBI Assist. Mains – Reasoning

Thursday	8 am	N	10
	2 pm	R	2
Friday	8 am		
	2 pm		
Saturday	8 am		
	2 pm		

6) U has the seminar exactly between X and O.

7) V, Q, and S has seminars immediately one after the other in the same order and they prepare for the consecutive chapters.

Case 1:

Days	Time	Person	Chapter
Monday	8 am		
	2 pm	X	1
Tuesday	8 am	U	
	2 pm	O	
Wednesday	8 am	P	12
	2 pm	W	4
Thursday	8 am	N	10
	2 pm	R	2
Friday	8 am	V	

	2 pm	Q	
Saturday	8 am	S	
	2 pm		

Case 2:

Days	Time	Person	Chapter
Monday	8 am		
	2 pm	X	1
Tuesday	8 am	U	
	2 pm	O	
Wednesday	8 am	P	12
	2 pm	W	4
Thursday	8 am	N	10
	2 pm	R	2
Friday	8 am		
	2 pm	V	
Saturday	8 am	Q	
	2 pm	S	

7) R has the seminar between the people who prepared chapter 9 and 10 for seminar.

8) V does not prepare for chapter 10.

Therefore, case 1 gets eliminated.

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9) The person who prepared chapter 8 has the seminar immediately after the person who has seminar on chapter 3.

Case 2:

Days	Time	Person	Chapter
Monday	8 am		
	2 pm	X	1
Tuesday	8 am	U	3
	2 pm	O	8
Wednesday	8 am	P	12
	2 pm	W	4
Thursday	8 am	N	9
	2 pm	R	2
Friday	8 am		10
	2 pm	V	5
Saturday	8 am	Q	6
	2 pm	S	7

Now the only chapter left is 11 and the people are M and T.

Days	Time	Person	Chapter
Monday	8 am	M/T	11

	2 pm	X	1
Tuesday	8 am	U	3
	2 pm	O	8
Wednesday	8 am	P	12
	2 pm	W	4
Thursday	8 am	N	9
	2 pm	R	2
Friday	8 am	M/T	10
	2 pm	V	5
Saturday	8 am	Q	6
	2 pm	S	7

41. E

42. B

43. E

44. D

45. B

Solution 46-50

1. A was born in a month which consists of 30 days not in November, so A was born either in April or in September.
2. Two kids were born between A and the one, who was born on 22nd.
3. G was born in a month, which consists of 31 days.
4. G was born after the one, who was born on 22nd.

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5. B was born on 18th and in the month which is three months before the month in which G was born, so

Case I:

March		
April	A	
May		

Case II:

March		
April		22 nd
May		
July	B	18 th
Sept	A	
Oct	G	
Nov		
Dec		

6. D was born immediately after B, this is not possible in case II, so case II is rejected.

7. The kid, who was born on 5th, was born in the month, which is at most five months before the month in which G was born.

Case I:

March		
April	A	

July	B	18 th
Sept		22 nd
Oct	G	
Nov		
Dec		

May		5 th
July	B	18 th
Sept	D	22 nd
Oct	G	
Nov		
Dec		

8. F was born on 3rd but before 5th, so F was born in March.

9. E was born before November, E was born in May.

March	F	3 rd
April	A	
May	E	5 th
July	B	18 th
Sept	D	22 nd
Oct	G	
Nov		
Dec		

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10. The kid, who was born on 20th, was born immediately before C.

11. The kid, who was born on 27th, was born after H, so C was born on 27th December and H was born on 20th November.

The final schedule table is given below:

March	F	3 rd
April	A	17 th /23 rd
May	E	5 th
July	B	18 th

Sept	D	22 nd
Oct	G	23 rd /17 th
Nov	H	20 th
Dec	C	27 th

46. B

47. E

48. D

49. E

50. B

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Puzzle Age

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

Eight persons L, M, N, O, P, Q, R and S were born in the years 1963, 1967, 1976, 1979, 1983, 1987, 1990, and 1997 not necessarily in the same order. They were born in the places Indore, Raipur, Hyderabad, Pune, Kanpur, Manipur, Vizag and Noida not necessarily in the same order. They were born on the same date i.e. on 17th October. Make the age calculations as on 17th October 2019.

S was 4 years elder to the one born in Pune. The one born in Pune was born at a gap of 4 persons from P. Number of persons elder to the one born in Kanpur was one more than that of number of persons younger to R. R was 8

years elder to O. Not more than two persons were born between S and R. The one born in Raipur was born after 1983 but not on even year. N was born in Indore at a gap of 4 persons from Q. The one born in Noida was born just before M but not eldest. Nobody was born between the ones born in Vizag and Raipur. The person born in Manipur was aged 36 years old. O was not born in Raipur and L was not born in Kanpur. The person born in Hyderabad was elder to the one born in Kanpur.

1. Who among the following person is from Pune?

(a) P

(b) Q

(c) L

(d) R

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- (e) O
2. Which of the following statements is true?
- (a) M age is 40year
(b) N age is 52year
(c) O age is 29year
(d) Q age is 24 year
(e) L age is 52 year
3. Four of the following are alike in a certain way and thus form a group. Which of the following does not belong to the group?
- (a) N - Noida
(b) M - Kanpur
(c) P - Raipur
(d) S - Pune
(e) O - Noida
4. If 'Hydrabad' is related to '43' and 'Indore' is related to '36' in a certain way. Then who among the following will be related to 'Manipur'?
- (a) 24
(b) 29
(c) 32
(d) 36
(e) None of them
5. Who among the following is eldest?
- (a) S
(b) M
(c) O
(d) N
(e) None of them

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

Ten persons M, N, O, P, Q, R, S, T, U and V joined their company in the months of May, August, September, October and November on either 21st or 23rd of these months. No two persons joined on the same day. They joined in the same year. Each person was aged differently.

The persons whose age was odd valued joined the office in the months with odd number of days and the persons whose age was even valued joined the office in the months with even number of days.

The person who joined the Company on 21st May was 17 years old. Number of persons who joined the office after M was thrice as the number of persons who joined before the one aged 21. There were 3 persons who joined the office between the one who was aged 21 and V. V and O joined the company in the same month. S did not join in November. P joined immediately before S. S was aged twice as that of Q who joined the office just after T. U joined the office just after R. R joined the company on a 23rd. There were 4 persons who joined the company between T and the one who was aged 35 years old. The one who was 35 years old joined the company before T. M and T were born in consecutive years and T's age was a perfect square. P was 5 years elder to R whose age was a perfect square greater than 14. The person who was 33 years old and P joined company in consecutive months, not necessarily on consecutive turns. The number of persons, who joined before U, was equal to the number of

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persons who joined after the one who was aged 29 years.
Q was elder to U and they were born in consecutive years.
The eldest person was 44 years old.

6. On which of the month and date M joined the company?

- (a) May -21
- (b) August -21
- (c) August – 23
- (d) October -21
- (e) October -23

7. Which of the following is the age of S?

- (a) 21
- (b) 35
- (c) 44
- (d) 22
- (e) None of these

8. What is the age difference between the one who joined company in May 21 and the one who joined the company in November 21?

- (a) 19
- (b) 24
- (c) 26
- (d) 17
- (e) 36

9. P has joined office on which of the following date?

- (a) November 21
- (b) May 21
- (c) September 23

(d) September 21

(e) None of these

10. How many persons between U and the one who joined company in November 23?

- (a) Two
- (b) One
- (c) Five
- (d) Three
- (e) Six

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

Eight persons A, B, C, D, E, F, G and H are born in a different month i.e. January, February, March, April, May, June, July, August of different years. Then ages are calculated with respect to 2020. Not consider month for age calculation. No two person's age is same.

Note: If it is mentioned that a person's age is considered as the last two digits of another person's birth year, then it will be at any sequence. For example, if the age of X is considered as last two digit of birth year of Y which is 1934. Then the age of X might be either 34 or 43. None of the persons were born before 1970 and after 2010.

A was born on 1988. A's birth month is neither August nor he born in first half of the year. H's age is a square number greater than A's age and both are born on consecutive months. The difference between the age of A and E is 6 years. C's age is equal to the last two digit of birth year of E and his birth month is not April. F's age is a cube number between E's age and C's age. D's age is half of

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the age of G's age whose age is last two digit of H's birth year. The Average of ages of A and D is two less than that of the age of B who was born just next month on which D born. Person's whose birth year is odd on the month, which has even number of days .The Person who is youngest neither born in 30days of month nor born in 31days Month.

11. What is the age of H?

- (a) 49 years
- (b) 26 years
- (c) 49 years
- (d) 36 Yeas
- (e) 48years

12. Which of the following is the birth month - year of C?

- (a) January – 1988
- (b) April - 1993
- (c) Feb – 1996
- (d) June – 1971
- (e) August – 1984

13. If I was born between A and F then which of the following can be the birth year of I?

- (a) 1987
- (b) 1985
- (c) 1982
- (d) 1993
- (e) 1991

14. What well be the sum of ages of Second youngest and Third eldest person in the group?

- (a) 55 years
- (b) 52 years
- (c) 62 years
- (d) 49 years
- (e) None of these

15. Which of the following statement is true?

- (a) F is younger than B
- (b) E is three year elder than G
- (c) None of the options are true
- (d) D is not the youngest person
- (e) Number of person born after B is not same as before A.

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

There are eight persons E, F, G, H, U, V, W and X are born in different years viz., 2001, 1997, 1992, 1987, 1979, 1972, 1964, and 1956 but not necessary in the same order. They are working for different company namely TCS, Infosys, Cognizant, Wipro, HCL, Jindal, Idea, and Airtel but not necessary in the same order. Age Calculations are done with respect to the year 2020 and assuming months and date to be same.

U was born in one of the odd numbered year and does not working in TCS. There are only two persons born between the one who works for TCS and E, who does not, works for Airtel. The age of X is four times the age difference between the one who works for Idea and F. Age of the person who works for HCL is perfect square. Sum of the age of U and V is equal to perfect cube of a number. G is

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not elder than the person one who works for Cognizant. There is only one person born between the one who works for Airtel and V, whose age is prime number. As many persons born between H and the one who works for Airtel is same as the persons born between V and the one who works for Infosys. Not more than three and less than two person born between W and the one who works for Jindal. E's age is multiples of three and does not born after 1982. F is five year elder then G. U's age is Prime number and born immediately before the one who works for Idea. The person who works for Cognizant was born after the person who works for Jindal.

16. What is the age of the person who works for Cognizant?

- (a) 33years
- (b) 48 years
- (c) 28years
- (d) 17 years
- (e) None of these

17. How many persons between the person whose birth year is 1964 and the person who works for Wipro Company?

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

18. The difference between age of G and E is?

- (a) 21

- (b) 22
- (c) 23
- (d) 24
- (e) 20

19. What is the age of the person who works for jindal?

- (a) 33
- (b) 48
- (c) 41
- (d) 28
- (e) 23

20. The person whose age is third highest works for which company?

- (a) TCS
- (b) Idea
- (c) Wipro
- (d) Infosys
- (e) Jindal

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

Eight persons namely P, Q, R, S, T, U, V and W lives in eight different floored building. Floors of building are marked 1 to 8 in such a way that floors are marked from bottom to top. Each person was born in different year viz. 1985, 1993, 1978, 1995, 1997, 1994, 1998 and 1989. All the information is not necessary in same order. Age of the person is calculated from current year 2020.

Q lives on any floor below the one who was born in 1993. Number of person below the U is one third the number of person below the one whose age is 25 years.

At least one person lives between Q and the one whose age is 27 years. Only two person lives between the one whose age is 25 years and Q, whose age is not 27 years. Sum of ages of the one who lives on floor 2 and Q is 53 years. Two person lives between T and the one who was born in 1993. Average sum of ages of the one who lives on lowermost floor and V is one more than the age of S. T, whose age is not odd number, lives just above the one whose age is multiple of five. W does not live even numbered floor, was neither born in 1985 nor is his age is an even number. Age of S is neither odd number nor he lives below P. Number of person below T is two more than number of person above P. Age of Q is greater than V. More than two floor between R and S. The one whose age is 25 years do not live in odd numbered floor.

21. What is the difference of ages of R and Q?

- (a) 9
- (b) 8
- (c) 7
- (d) 6
- (e) Cannot be determined

22. Who lives in fourth floor and the age of that person is?

- (a) V, 31
- (b) E, 22
- (c) R, 25
- (d) P, 25
- (e) None of these

23. W born in which of the following year?

- (a) 1997
- (b) 1995
- (c) 1989
- (d) 1998
- (e) 1993

24. What is the age difference between the person immediately above W and the person live on top floor?

- (a) Less than 10
- (b) Greater than 20
- (c) Between 16 and 25
- (d) Between 14 and 18
- (e) None of these

25. Four of the following are alike in a certain way and thus form a group. Which of the following does not belong to the group?

- (a) Q
- (b) T
- (c) P
- (d) W
- (e) V

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

Eight Person B, F, H, J, U, W, Y and Z are born in different years -1978, 1981, 1983, 1985, 1989, 1994, 1997 and 1999. Each person's age are calculated with respect to the current year (2020), same month and same date. Each

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one of them has different number of chocolate from 1 to 8 but not in the same order.

B and Y's age difference and their difference of chocolate are same, in which their difference of ages will be the number of chocolate for J. Z is 4 years older than Y. Sum of number of chocolate of H and Z's is 8. U was born before 1997. Number of chocolate of U is below 3. Number of chocolate of J is above 4. Both H and Z's does not have even number of chocolate. Number of chocolate of Y is three times of number of chocolate of Z. Three persons were born between H and W. W was born after H. less than three persons were born between J and Y. More than three persons were born between F and U. F was born on odd number year. Sum of number of chocolate of F and U is 6.

26. Who among following have 6 chocolate?

- (a) U
- (b) W
- (c) H
- (d) F
- (e) B

27. What is the age of the person having 8 chocolate?

- (a) 23 yr
- (b) 21yr
- (c) 26 yr
- (d) 35 yr
- (e) 39 yr

28. How many person are their between the one whose birth year is 1981 and the one who has 4 chocolate?

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

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

- (a) J
- (b) Z
- (c) W
- (d) F
- (e) B

30. What is the sum of ages of the person who have 3 and 4 chocolates respectively?

- (a) 50
- (b) 49
- (c) 52
- (d) 56
- (e) 48

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

Eight people – A, B, C, D, E, F, G and H are born in different years from 1981 to 1988. Each person age are calculated with respect to the current year (2020), same month and same date. Each one of them likes different brand of ice cream viz. Amul, Kwality Walls, Baskin Robbins, Vadilal, Havmor, Dinshaw's, Mother Dairy, Naturals Ice Cream but not necessarily in the same order.

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Person name starts with consecutive alphabet does not born in consecutive years.

A was born after 1982 but before 1986. Three persons were born between A and the one who likes Amul Ice cream. More than four persons were born between the one who likes Amul Ice cream and the one who likes Baskin Robbins. The one who likes Baskin Robbins is neither born in 1986 nor in 1988. Two persons were born between B and the one who likes Mother Dairy. B was born after the one who likes Mother Dairy. B neither born after 1986 nor like Amul. The one who likes Kwality Walls was born immediately after C. D likes Vadilal and is not the third eldest. More than three persons were born between the one who likes Vadilal and the one who likes Dinshaw's. The one who like Dinshaw's born after the one who like Vadilal. E was born immediately before the one who likes Dinshaw's. E neither likes Naturals Ice Cream nor likes Kwality Walls. F neither likes Kwality Walls nor likes Baskin Robbins. Neither B nor F likes Naturals Ice Cream. H does not like Naturals Ice Cream and Dinshaw's. Neither G nor A likes Havmor. G does not like Baskin Robbins. G is not the eldest. Neither F nor H likes Amul. D does not born immediately before G.

31. G likes which of the following Ice Cream?

- (a) Baskin Robbins
- (b) Havmor
- (c) Kwality Walls
- (d) Amul
- (e) Naturals Ice Cream

32. How many persons were born between H and the one who likes Havmor?

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

33. Which of the following person likes Amul Ice Cream?

- (a) H
- (b) B
- (c) C
- (d) A
- (e) None of these

34. If A is related Baskin Robbins, C is related to Naturals Ice Cream, in the same way E is related to which of the following?

- (a) Mother Dairy
- (b) Havmor
- (c) Dinshaw's
- (d) Amul
- (e) Naturals Ice Cream

35. Which of the following person was born immediately after C?

- (a) F
- (b) H
- (c) A
- (d) D
- (e) G

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

There are nine members of a family E, F, G, H, I, U, V, W and X which has 3 generations. Each were born in different years viz. 1965, 1951, 1971, 2000, 1973, 1996, 1998, 1992 and 1994 but not necessarily in same order. Their ages were calculated with respect to 2021. They all stayed in a multi-storey building in three different floors containing two rooms in each floor. Not more than two and less than one stays in the same room; one room is left vacant. The simple outline of the building is as shown in the fig. below.

Third floor	G2	G3
Second floor	F2	F3
First floor	E2	E3

The difference between the sum of the ages of people staying in F2 and F3 is 4 years. G stays with his paternal uncle who has only one son. The person, who is half the age of H stays alone in G2 and is a female. Only F, who stays with his father, is the second eldest of the family. G and his elder sister whose age is 29 years, lives in same floor, but not in same room. The people who born in leap year were not siblings. The minimum age difference between each generation is 12 years. There is only one floor between the floor in which the room is vacant and the floor in which a person stays alone. The Grandfather and the one whose age is 21 were staying in the same

room. W is the eldest male member of the family and lives in E2. The persons on second generation are from same parent. U is cousin of F. X is the only daughter of W. X has only one daughter and no son whose age is either a cube or square of a number. V is the nephew of I, who has only one daughter. G's age is a prime number and doesn't live in F2. The person whose age is prime number is from same parents. The person who is third eldest has not more than one child.

36. How many males are there in the family?

- (a) One
- (b) Two
- (c) Three
- (d) More than four
- (e) Cannot be determined

37. In which room and with whom does I lives?

- (a) E2 – V
- (b) F2 – F
- (c) G3 – F
- (d) E3 – W
- (e) E2 – V

38. How is U related to W and in which room does U lives?

- (a) Mother – E3
- (b) Daughter – G2
- (c) Grandson – E2
- (d) Sister – G3
- (e) Granddaughter – G2

39. What is the age difference between G and H?

- (a) 21 years
- (b) 27 years
- (c) 28 years
- (d) 31 years
- (e) 35 years

40. Which of the following statement is true?

- (a) X is the Paternal Aunt of V
- (b) U is the only Granddaughter of W
- (c) F is 4 years elder to V
- (d) Both F and X stays together in the building
- (e) Age difference between G and H is 23 years

Direction (41-45): Read the following information carefully and answer the questions given below.

Eight persons Aabhas, Aadarsh, Aadesh, Aadish, Aaghosh, Aansh, Aapeksha and Aanshi are born in four different years viz., 1964, 1977, 1982 and 1991 and also in two different months viz., May and November but not necessary in the same order. All they are wearing eight different watches namely Casio, Boss, Rotary, Citizen, Diesel, Gucci, Rolex and Armani. No two persons born in same month of a year. Age of the persons is calculated as on December 2020.

Each year two persons were born in two different months. Months are not considered for age calculation. The person who wears Casio watch born immediately before Aansh. Aansh was born in the month which has 31 days. The sum of the ages of Aadarsh and the one who wears Boss is equal to perfect square of a number. There are only three persons born between Aagosh and the one who wears

Citizen. Aadish does not born in odd numbered year. More than two persons born between Aanshi and one who wears Diesel. As many persons born between Aabhas and the one who wears Gucci is same as the persons born after the one who wears Rotary. There are two persons born between Aadish and the one who wears Rolex. Age of the one who wears Citizen is not a prime number but born in one of the months before the one who wears Rotary. There are only two persons born between the one who wears Citizen and the one wears Boss. Only one person born between Aadarsh and the one who wears Rolex, who does not born in the year 1964. Aadesh and the one who wears Diesel are born in different month. Aabhas was born immediately after the one who wears Aansh. Aanshi does not like Gucci. Aansh does not born immediately before or after the one who wear Rotary.

41. Who among the following is the Youngest?

- (a) The one who wears Armani
- (b) Aanshi
- (c) The one who born immediately after Aansh
- (d) Aabhas
- (e) Both (a) and (b)

42. The one who wears Casio born in which month and year?

- (a) May, 1977
- (b) November, 1982
- (c) May, 1982
- (d) November, 1964
- (e) None of these

43. Four of the following alike in a certain way and thus form a group. Which of the following one that does not belong to the group?

- (a) Aadish
- (b) Aansh
- (c) Aanshi
- (d) Aadesh
- (e) Aapeksha

44. If ‘Monika’ is born between ‘Aadrash’ and ‘Aadesh’, then what can be the age of ‘Monika’?

- (a) 33 years
- (b) 56 years
- (c) 29 years
- (d) 38 years
- (e) None of these

45. How many person born between the person who born in November 1964 and Aapeksha?

- (a) One
- (b) Two
- (c) Three
- (d) Four
- (e) More than four

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

Nine persons P, Q, R, S, T, U, V, W and X are born in same months of different year. All are have different Ages and Height in cm. Their heights and ages are between 34 - 62. Their ages are considered as on the same month and

day of 2020 as their date of births. (Note: consider only numerical value not its units).

S's age is same as that of Q's height. Sum of U and S's height is equal to 77. P is three years elder than R. T born in a year which is not less than 366 days and its resultant of sum of digits is divisible by 5. V is younger than T. Q's age is square of a number which is not more than S's height. The difference between birth year of R and X is 17. Height of W is six times the difference of ages of U and Q. P's height is divisible by both 5 and 9. V was born in 1969. Square of the difference between Q's age and T's height is 289. Difference of twice the height of V and one fourth of U's age is 73. U born after X whose age difference is 120 months. X is shorter than R both of them has odd number heights. P's age is as same as that of S's height. U's height is prime number which is below 41 cm. S is 4 years elder than X. T is not taller than X. Age of W is average height of Q and S. Average of R and X's height is 52. Difference between the height of both R and X is not more than 2cm.

46. U's height and X's age is?

- (a) 37 and 44
- (b) 37 and 54
- (c) 55 and 37
- (d) 37 and 53
- (e) None of these

47. What is the sum of Q's height and S's age?

- (a) 105
- (b) 115

(c) 116

(d) 106

(e) None of these

48. T is how many years younger than S?

(a) 7

(b) 6

(c) 5

(d) 4

(e) None of these

49. If X's height is five cm more than T's height, what is difference of height between X and S's height?

(a) 6

(b) 5

(c) 8

(d) 9

(e) None of these

50. What is W's age?

(a) 52

(b) 57

(c) 49

(d) 36

(e) None of these



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Puzzle Age – Answer and Explanation

SOLUTION (1-5):

Explanation in detail:

13. S was 4 years elder to the one born in Pune.

14. The one born in Pune was born at a gap of 4 persons from P.

15. The person born in Manipur was aged 36 years old.

CASE1:

YEAR	AGE	PERSON	PLACE
1963	56	S	
1967	52		Pune
1976	43		
1979	40		
1983	36		Manipur
1987	32		
1990	29	P	
1997	22		

CASE2:

YEAR	AGE	PERSON	PLACE
1963	56	P	
1967	52		
1976	43		
1979	40		
1983	36	S	Manipur
1987	32		Pune
1990	29		
1997	22		

16. R was 8 years elder to O.

17. Not more than two persons were born between S and R

CASE1:

YEAR	AGE	PERSON	PLACE
1963	56	S	
1967	52		Pune
1976	43		
1979	40	R	
1983	36		Manipur
1987	32	O	
1990	29	P	
1997	22		

CASE2:

YEAR	AGE	PERSON	PLACE
1963	56	P	
1967	52		
1976	43		
1979	40	R	
1983	36	S	Manipur
1987	32	O	Pune
1990	29		
1997	22		

18. Number of persons elder to the one born in Kanpur was one more than that of number of persons younger to R.

From this statement CASE 2 was wrong. We can go with CASE 1

CASE1:

YEAR	AGE	PERSON	PLACE
1963	56	S	
1967	52		Pune
1976	43		
1979	40	R	
1983	36		Manipur
1987	32	O	Kanpur
1990	29	P	
1997	22		

SBI Clerk/ RBI Assist. Mains – Reasoning

- The one born in Raipur was born after 1983 but not on even year.
- Nobody was born between the ones born in Vizag and Raipur

CASE1:

YEAR	AGE	PERSON	PLACE
1963	56	S	
1967	52		Pune
1976	43		
1979	40	R	
1983	36		Manipur
1987	32	O	Kanpur
1990	29	P	Vizag
1997	22		Raipur

- The one born in Noida was born just before M but not eldest
- N was born in Indore at a gap of 4 persons from Q.

CASE1:

YEAR	AGE	PERSON	PLACE
1963	56	S	
1967	52		Pune
1976	43	N	Indore
1979	40	R	Noida
1983	36	M	Manipur
1987	32	O	Kanpur
1990	29	P	Vizag
1997	22	Q	Raipur

- O was not born in Raipur and L was not born in Kanpur
- The person born in Hyderabad was elder to the one born in Kanpur.

So final arrangement

YEAR	AGE	PERSON	PLACE
1963	56	S	Hydrabad
1967	52	L	Pune
1976	43	N	Indore
1979	40	R	Noida
1983	36	M	Manipur
1987	32	O	Kanpur
1990	29	P	Vizag
1997	22	Q	Raipur

- c
- e
- e
- b
- a

SOLUTION (6-10):

Explanation in detail:

- The person who joined the Company on 21st May was 17 years old.
- Number of persons who joined the office after M was thrice as the number of persons who joined before the one aged 21.
- There were 3 persons who joined the office between the one who was aged 21 and V.
- V and O joined the company in the same month.

CASE 1

SBI Clerk/ RBI Assist. Mains – Reasoning

Month	Date	Person	Age
May	21		17
	23		21
August	21		
	23		
September	21	O	
	23	V	
October	21	M	
	23		
November	21		
	23		

CASE 2

Month	Date	Person	Age
May	21		17
	23		
August	21		21
	23	M	
September	21		
	23		
October	21	V	
	23	O	
November	21		
	23		

CASE 3

Month	Date	Person	Age
May	21	M	17
	23		
August	21		
	23		21
September	21		
	23		
October	21	O	
	23	V	
November	21		
	23		

14. There were 4 persons who joined the company between T and the one who was aged 35 years old

15. S was aged twice as that of Q who joined the office just after T

From these statements CASE 3 eliminated.

CASE 1

Month	Date	Person	Age
May	21		17
	23		21
August	21		
	23		35
September	21	O	
	23	V	
October	21	M	
	23		
November	21	T	
	23	Q	

CASE 2

Month	Date	Person	Age
May	21		17
	23		
August	21		21
	23	M	35
September	21		
	23		
October	21	V	
	23	O	
November	21	T	
	23	Q	

7. U joined the office just after R.
 8. R joined the company on a 23rd. P joined immediately before S (simultaneously not possible so this CASE 1 is eliminated.

CASE 2

SBI Clerk/ RBI Assist. Mains – Reasoning

Month	Date	Person	Age
May	21		17
	23	R	
August	21	U	21
	23	M	35
September	21		
	23		
October	21	V	
	23	O	
November	21	T	
	23	Q	

9. P was 5 years elder to R whose age was a perfect square greater than 14
10. P joined immediately before S.
11. The person who was 33 years old and P joined company in consecutive months, not necessarily on consecutive turns.
12. M and T were born in consecutive years and T's age was a perfect square.
13. P joined immediately before S.

CASE 2

Month	Date	Person	Age
May	21		17
	23	R	25
August	21	U	21
	23	M	35
September	21	P	30
	23	S	
October	21	V	33
	23	O	
November	21	T	36
	23	Q	

14. The number of persons, who joined before U, was equal to the number of persons who joined after the one who was aged 29 years.

15. Q was elder to U and they were born in consecutive years.
16. The eldest person was 44 years old.
17. S was aged twice as that of Q

CASE 2

Month	Date	Person	Age
May	21		17
	23	R	25
August	21	U	21
	23	M	35
September	21	P	30
	23	S	44
October	21	V	33
	23	O	29
November	21	T	36
	23	Q	22

So final arrangement

Month	Date	Person	Age
May	21	N	17
	23	R	25
August	21	U	21
	23	M	35
September	21	P	30
	23	S	44
October	21	V	33
	23	O	29
November	21	T	36
	23	Q	22

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

SOLUTION (11-15):

Explanation in detail:

SBI Clerk/ RBI Assist. Mains – Reasoning

Ages was calculated with respect to 2020

1. A was born on 1988 hence age is 32. A's birth month is neither August nor he born in first half of the year.
2. The difference between the age of A and E is 6 years.
3. A's birth month is neither August nor he born in first half of the year. It is clear that A birth month is July

CASE1:

Person	Year	Age	Month
A	1988	32	July
B			
C			
D			
E	1982	38	
F			
G			
H			

CASE2:

Person	Year	Age	Month
A	1988	32	July
B			
C			
D			
E	1994	26	
F			
G			
H			

4. C's age is equal to the last two digit or birth year of E and his birth month is not April. C's is 82, 28,

94, and 49. As mention in the instruction. C's age is 28 and 49.

CASE 1

Person	Year	Age	Month
A	1988	32	July
B			
C	1992	28	
D			
E	1982	38	
F			
G			
H			

CASE 2

Person	Year	Age	Month
A	1988	32	July
B			
C	1971	49	
D			
E	1994	26	
F			
G			
H			

5. F's age is a cube number between E's age and C's age. Age of F is 27.

From here CASE1 is eliminated.

CASE 2

SBI Clerk/ RBI Assist. Mains – Reasoning

Person	Year	Age	Month
A	1988	32	July
B			
C	1971	49	
D			
E	1994	26	
F	1993	27	
G			
H			

6. H's age is a square number greater than A's age and both are born on consecutive months.
7. Person's whose birth year is odd on the month, which has even number of days.

CASE 2

Person	Year	Age	Month
A	1988	32	July
B			
C	1971	49	
D			
E	1994	26	
F	1993	27	
G			
H	1984	36	August

8. D's age is half of the age of G's age whose age is last two digit of H's birth year.

CASE 2

Person	Year	Age	Month
A	1988	32	July
B			
C	1971	49	
D	1996	24	
E	1994	26	
F	1993	27	
G	1972	48	
H	1984	36	August

9. The Average of ages of A and D is two less than that of the age of B who was born just next month on which D born.

CASE 2

Person	Year	Age	Month
A	1988	32	July
B	1990	30	
C	1971	49	
D	1996	24	
E	1994	26	
F	1993	27	
G	1972	48	
H	1984	36	August

10. The Person who is youngest Neither born in 30 days of month nor born in 31 days Month
11. C's birth month is not April
12. Person's whose birth year is odd on the month, which has even number of days.

SBI Clerk/ RBI Assist. Mains – Reasoning

Note: In the year 2020 February month has 29 days. So persons born in April and June are odd numbered years.

CASE 2

Person	Year	Age	Month
A	1988	32	July
B	1990	30	
C	1971	49	June
D	1996	24	Feb
E	1994	26	
F	1993	27	April
G	1972	48	
H	1984	36	August

13. B who was born just next month on which D born.

14. For E and G month is not given. So

CASE2

Person	Year	Age	Month
A	1988	32	July
B	1990	30	March
C	1971	49	June
D	1996	24	Feb
E	1994	26	Jan/May
F	1993	27	April
G	1972	48	Jan/May
H	1984	36	August

Final Arrangement

Person	Year	Age	Month
A	1988	32	July
B	1990	30	March
C	1971	49	June
D	1996	24	Feb
E	1994	26	Jan/May
F	1993	27	April
G	1972	48	Jan/May
H	1984	36	August

11. d

12. d

13. e

14. c

15. A

SOLUTION (16-20):

Explanation in detail:

12. U born in one of the odd numbered year

13. Sum of the age of U and V is equal to perfect cube of a number

14. U's age is Prime number and born immediately before the one who works for Idea.

CASE1:

SBI Clerk/ RBI Assist. Mains – Reasoning

Year	Age	Person	Company
1956	64		
1964	56		
1972	48		
1979	41	U	
1987	33		Idea
1992	28		
1997	23	V	
2001	19		

CASE2:

Year	Age	Person	Company
1956	64		
1964	56		
1972	48		
1979	41	V	
1987	33		
1992	28		
1997	23	U	
2001	19		Idea

15. There is only one person born between the one who works for Airtel and V, whose age is prime number.
16. E's age is multiples of three and does not born after 1982.

CASE1 is eliminated and CASE 2 has 2 possibilities.

CASE 2a

Year	Age	Person	Company
1956	64		
1964	56		Airtel
1972	48	E	
1979	41	V	
1987	33		
1992	28		
1997	23	U	
2001	19		Idea

CASE 2b

Year	Age	Person	Company
1956	64		
1964	56		
1972	48	E	
1979	41	V	
1987	33		
1992	28		Airtel
1997	23	U	
2001	19		Idea

17. There are only two persons born between the one who works for TCS and E, who does not, works for Airtel.
- From here CASE 2b also eliminated**
18. F is five year elder then G.
19. The age of X is four times the age difference between the one who works for Idea and F

CASE 2a

SBI Clerk/ RBI Assist. Mains – Reasoning

Year	Age	Person	Company
1956	64		
1964	56	X	Airtel
1972	48	E	
1979	41	V	
1987	33	F	
1992	28	G	TCS
1997	23	U	
2001	19		Idea

20. Age of the person who works for HCL is perfect square.
21. G is not elder than the person one who works for cognizant
22. Age of the person who works for HCL is perfect square.
23. As many persons born between H and the one who works for Airtel is same as the persons born between V and the one who works for Infosys.
24. Not more than three and less than two person born between W Only one person sits between Z's mother and W.

CASE 2a

Year	Age	Person	Company
1956	64	H	HCL
1964	56	X	Airtel
1972	48	E	Infosys
1979	41	V	Jindal
1987	33	F	Cognizant
1992	28	G	TCS
1997	23	U	
2001	19		Idea

So Final Arrangement

Year	Age	Person	Company
1956	64	H	HCL
1964	56	X	Airtel
1972	48	E	Infosys
1979	41	V	Jindal
1987	33	F	Cognizant
1992	28	G	TCS
1997	23	U	Wipro
2001	19	W	Idea

16. a

17. d

18. e

19. c

20. d

SOLUTION (21-25): (fully modified)

First Calculate age as shown in figure

Year	Age
1978	42
1985	35
1989	31
1993	27
1994	26
1995	25
1997	23
1998	22

Explanation in detail:

14. Number of person below the U is one third the number of person below the one whose age is 25 years.

SBI Clerk/ RBI Assist. Mains – Reasoning

15. The one whose age is 25 years do not live in odd numbered floor.

Case-1			
Floor	Person	Age	year
8			
7			
6			
5			
4		25	1995
3			
2	U		
1			

16. Only two person lives between the one whose age is 25 years and Q, whose age is not 27 years.
17. At least one person lives between Q and the one whose age is 27 years.
18. Sum of ages of the one who lives on floor 2 and Q is 53 years.
19. Q lives on any floor below the one who was born in 1993.
20. Age of Q is greater than V

Brief hints:

2 possibilities to make 53 (31, 22) & (27, 26)

➔ In case-1 (27, 26) combination is not possible for Q and 2nd floor

Note: If Q's age is 22 and then V's age must be less than 22 years which is not possible as per age calculation table. Hence Q's age must be 31 years and U's age must be 22 years.

Case-1			
Floor	Person	Age	year
8			
7			
6			
5			
4		25	1995
3			
2	U	22	1998
1	Q	31	1989

Case-2 (rejected)

At least one person lives between Q and the one whose age is 27 years.

Floor	Person	Age	year
8		27	1993
7	Q	27	
6			
5			
4		25	1995
3			
2	U		
1			

21. Two person lives between T and the one who was born in 1993.
22. T, whose age is not odd number, lives just above the one whose age is multiple of five.
23. At least one person lives between Q and the one whose age is 27 years.

SBI Clerk/ RBI Assist. Mains – Reasoning

24. Number of person below T is two more than number of person above P.

Case-1			
Floor	Person	Age	year
8			
7			
6	T		
5	P		
4		25	1995
3		27	1993
2	U	22	1998
1	Q	31	1989

Case-3			
Floor	Person	Age	year
8	T		
7			
6			
5		27	1993
4		25	1995
3	P		
2	U	22	1998
1	Q	31	1989

Case-4			
Floor	Person	Age	year
8		27	1993
7			
6	P		

5	T		
4		25	1995
3			
2	U	22	1998
1	Q	31	1989

25. Age of S is neither odd number nor he lives below P.

26. More than two floor between R and S.

Case-1			
Floor	Person	Age	year
8			
7	S		
6	T		
5	P		
4		25	1995
3	R	27	1993
2	U	22	1998
1	Q	31	1989

Case-1-A			
Floor	Person	Age	year
8	S		
7			
6	T		
5	P		
4	R/	25	1995
3	R/	27	1993
2	U	22	1998
1	Q	31	1989

SBI Clerk/ RBI Assist. Mains – Reasoning

Case-3 (Rejected)

More than two floor between R and S (not possible)

Floor	Person	Age	year
8	T		
7			
6			
5		27	1993
4		25	1995
3	P		
2	U	22	1998
1	Q	31	1989

Case-4

Floor	Person	Age	year
8	S	27	1993
7	S		
6	P		
5	T		
4		25	1995
3	R		
2	U	22	1998
1	Q	31	1989

27. W does not live even numbered floor, was neither born in 1985 nor is his age is an even number.

Case-1 (Rejected)

W does not live in even numbered floor

Floor	Person	Age	year
8			
7	S		
6	T		
5	P		
4		25	1995
3	R	27	1993
2	U	22	1998
1	Q	31	1989

Case-1-A

Floor	Person	Age	year
8	S		
7	W/		
6	T		
5	P		
4	R/	25	1995
3	R/W	27	1993
2	U	22	1998
1	Q	31	1989

Case-4 (Rejected)

W does not live in even numbered floor

Floor	Person	Age	year
8		27	1993
7	S		
6	P		
5	T		
4		25	1995

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3	R		
2	U	22	1998
1	Q	31	1989

28. Average sum of ages of the one who lives on lowermost floor and V is one more than the age of S.

29. Age of Q is greater than V.

Note: S's age is even number. T's age is even number. T lives immediately above the one, whose age is multiple of 5.

Even numbered ages are 42, 26 and 22.

As we know U's age is 22. Therefore S and T ages are 42 and 26, but in any order.

Q's age is 31 (lowermost floor)

To find V's age:

Given, $(Q+V)/2=1+S$

If S age is 26, $Q+V=54$ and then V's age is 23 ($54-31=23$)

If S age is 42, $Q+V=86$ and then V's age is 55 ($86-31=55$, not possible as age 55 is not given)

Thus S's age is 26, T's age is 42 and V's age is 23.

Also V must live on 7th floor. This implies W lives on 3rd floor and R lives on 4th floor.

Finally, P's age is 35 years.

So Final Arrangement is

Case-1-A			
Floor	Person	Age	year
8	S	26	1994
7	V	23	1997
6	T	42	1978

5	P	35	1985
4	R	25	1995
3	W	27	1993
2	U	22	1998
1	Q	31	1989

21. d

22. c

23. e

24. A

25. b

SOLUTION (26-30):

Explanation in detail:

24. Z is 4 years older than Y.

CASE 1

Year	Age	Person	Chocolate
1978	42		
1981	39		
1983	37		
1985	35	Z	
1989	31	Y	
1994	26		
1997	23		
1999	21		

CASE 2

SBI Clerk/ RBI Assist. Mains – Reasoning

Year	Age	Person	Chocolate
1978	42		
1981	39	Z	
1983	37		
1985	35	Y	
1989	31		
1994	26		
1997	23		
1999	21		

25. Sum of number of chocolate of H and Z's is 8

26. H and Z's does not have even number of chocolate.

27. Number of chocolate of Y is three times of number of chocolate of Z.

$H + Z = 8 \Rightarrow 7 + 1 = 8$ and number of chocolate Y is 3

CASE 1

Year	Age	Person	Chocolate
1978	42		
1981	39		
1983	37		
1985	35	Z	1
1989	31	Y	3
1994	26		
1997	23		
1999	21		

CASE 2

Year	Age	Person	Chocolate
1978	42		
1981	39	Z	1
1983	37		
1985	35	Y	3
1989	31		
1994	26		
1997	23		
1999	21		

28. B and Y's age difference and their difference of chocolate are same, in which their difference of ages will be the number of chocolate for J.

$$B - Y = 5(\text{chocolate and age}) \Rightarrow 8 - 3 = 5$$

29. Number of chocolate of J is above 4. Number of chocolate of J is 5

CASE 2 eliminated

CASE1

Year	Age	Person	Chocolate
1978	42		
1981	39		
1983	37		
1985	35	Z	1
1989	31	Y	3
1994	26	B	8
1997	23		
1999	21		

30. Number of chocolate of U is below 3

SBI Clerk/ RBI Assist. Mains – Reasoning

31. Three persons were born between H and W. W was born after H.

32. Sum of number of chocolate of F and U is 6.

$F + U = 6 \Rightarrow 4 + 2 = 6$ and W's chocolate is 6

CASE 1

Year	Age	Person	Chocolate
1978	42		
1981	39		
1983	37	H	7
1985	35	Z	1
1989	31	Y	3
1994	26	B	8
1997	23	W	6
1999	21		

33. Less than three persons were born between J and Y.

34. More than three persons were born between F and U.

35. F was born on odd number year.

CASE1

Year	Age	Person	Chocolate
1978	42	U	2
1981	39	J	5
1983	37	H	7
1985	35	Z	1
1989	31	Y	3
1994	26	B	8
1997	23	W	6
1999	21	F	4

So final answer is

Year	Age	Person	Chocolate
1978	42	U	2
1981	39	J	5
1983	37	H	7
1985	35	Z	1
1989	31	Y	3
1994	26	B	8
1997	23	W	6
1999	21	F	4

26. b

27. c

28. e

29. e

30. c

SOLUTION (31-35):

Explanation in detail:

12. A was born after 1982 but before 1986.

13. Three persons were born between A and the one who likes Amul Ice cream.

14. More than four persons were born between the one who likes Amul Ice cream and the one who likes Baskin Robbins.

15. The one who likes Baskin Robbins is neither born in 1986 nor in 1988.

CASE 1

SBI Clerk/ RBI Assist. Mains – Reasoning

Year	Age	Person	Ice Cream
1981	39		Baskin Robbins
1982	38		
1983	37	A	
1984	36		
1985	35		
1986	34		
1987	33		Amul
1988	32		

CASE2

Year	Age	Person	Ice Cream
1981	39		Amul
1982	38		
1983	37		
1984	36		
1985	35	A	
1986	34		
1987	33		Baskin Robbins
1988	32		

16. Two persons were born between B and the one who likes Mother Dairy.

17. B was born after the one who likes Mother Dairy.

18. B neither born after 1986 nor like Amul.

CASE 1

Year	Age	Person	Ice Cream
1981	39		Baskin Robbins
1982	38		
1983	37	A	
1984	36		
1985	35		Mother Dairy
1986	34		
1987	33		Amul
1988	32	B	

CASE 2a

Year	Age	Person	Ice Cream
1981	39		Amul
1982	38		
1983	37		
1984	36		
1985	35	A	Mother Dairy
1986	34		
1987	33		Baskin Robbins
1988	32	B	

CASE2b

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Year	Age	Person	Ice Cream
1981	39		Amul
1982	38		
1983	37		
1984	36		Mother Dairy
1985	35	A	
1986	34		
1987	33	B	Baskin Robbins
1988	32		

19. D likes Vadilal and is not the third eldest.
20. More than three persons were born between the one who likes Vadilal and the one who likes Dinshaw's.
21. The one who like Dinshaw's born after the one who like Vadilal.

CASE 1

Year	Age	Person	Ice Cream
1981	39		Baskin Robbins
1982	38	D	Vadilal
1983	37	A	
1984	36		
1985	35		Mother Dairy
1986	34		
1987	33		Amul
1988	32	B	Dinshaw's

CASE 2

Year	Age	Person	Ice Cream
1981	39		Amul
1982	38	D	Vadilal
1983	37		
1984	36		
1985	35	A	Mother Dairy
1986	34		
1987	33		Baskin Robbins
1988	32	B	Dinshaw's

CASE 2a

Year	Age	Person	Ice Cream
1981	39		Amul
1982	38	D	Vadilal
1983	37		
1984	36		Mother Dairy
1985	35	A	
1986	34		
1987	33	B	Baskin Robbins
1988	32		Dinshaw's

22. E was born immediately before the one who likes Dinshaw's
23. The one who likes Kwality Walls was born immediately after C.

CASE 2a Eliminated

SBI Clerk/ RBI Assist. Mains – Reasoning

CASE1

Year	Age	Person	Ice Cream
1981	39		Baskin Robbins
1982	38	D	Vadilal
1983	37	A	
1984	36		
1985	35	C	Mother Dairy
1986	34		Kwality Walls
1987	33	E	Amul
1988	32	B	Dinshaw's

CASE2

Year	Age	Person	Ice Cream
1981	39		Amul
1982	38	D	Vadilal
1983	37	C	
1984	36		Kwality Walls
1985	35	A	Mother Dairy
1986	34		
1987	33	E	Baskin Robbins
1988	32	B	Dinshaw's

24. F neither likes Kwality Walls nor likes Baskin Robbins.

25. Neither B nor F likes Naturals Ice Cream

26. G does not like Baskin Robbins.

27. G is not the eldest.

28. Neither F nor H likes Amul.

CASE1

Year	Age	Person	Ice Cream
1981	39	H	Baskin Robbins
1982	38	D	Vadilal
1983	37	A	
1984	36	F	
1985	35	C	Mother Dairy
1986	34	G	Kwality Walls
1987	33	E	Amul
1988	32	B	Dinshaw's

CASE2

Year	Age	Person	Ice Cream
1981	39	H	Amul
1982	38	D	Vadilal
1983	37	C	
1984	36	G	Kwality Walls
1985	35	A	Mother Dairy
1986	34	F	
1987	33	E	Baskin Robbins
1988	32	B	Dinshaw's

From here CASE2 eliminated. By “Neither F nor H likes Amul” This statements

29. Neither B nor F likes Naturals Ice Cream

30. Neither G nor A likes Havmor.

Final arrangement

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Year	Age	Person	Ice Cream
1981	39	H	Baskin Robbins
1982	38	D	Vadilal
1983	37	A	Naturals
1984	36	F	Havmor
1985	35	C	Mother Dairy
1986	34	G	Kwality Walls
1987	33	E	Amul
1988	32	B	Dinshaw's

31. c

32. c

33. e

34. a

35. e

SOLUTION (36-40): (fully modified)

From the given statements first we find the ages and leap year as per year 2021.

Year	Age	
1951	70	
1965	56	
1971	50	
1973	48	
1992	29	→ Leap year
1994	27	
1996	25	→ Leap year
1998	23	
2000	21	→ Leap year

Explanation in detail:

15. W is the eldest male member of the family and lives in E2. It means W is grandfather

G2	G3
F2	F3
E2 W[70]	E3

16. W is grandfather

17. X is the only daughter of W.

18. X has only one daughter and no son whose age is either a cube or square of a number.

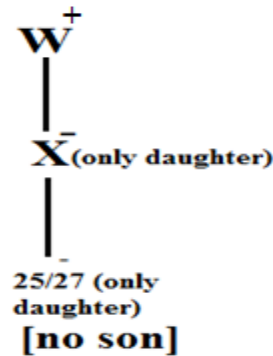


Figure-1

19. The minimum age difference between each generation is 12 years.

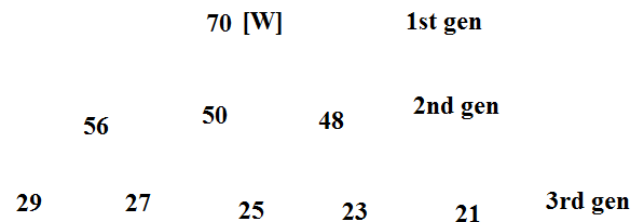


Figure-2

20. G stays with his paternal uncle who has only one son.

21. G and his elder sister whose age is 29years, lives in same floor, but in same room.

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22. G's age is a prime number and doesn't live in F2.

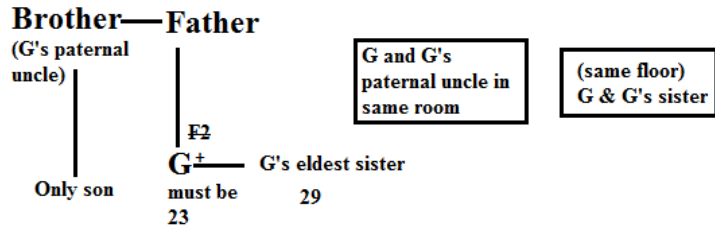


Figure 3

23. U is cousin of F.

24. V is the nephew of I, who has only one daughter.

25. Only F stays with his father, who is the second eldest of the family.

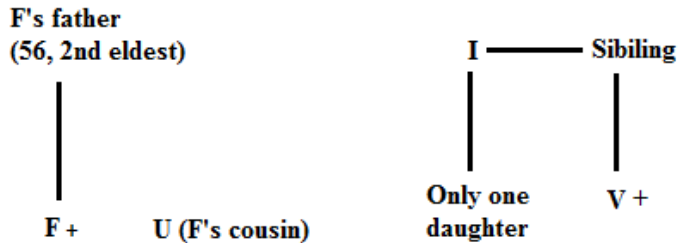


Figure-4

26. The person, who is half the age of H stays alone in G2 and is a female.

27. There is only one floor between the floor in which the room is vacant and the floor in which a person stays alone.

3 rd	G2 Only [25]	G3
2 nd	F2	F3
1 st	E2 W [70]	E3 Vacant

70 [W]

1st gen

56

50 [H]

48

2nd gen

29
Leap year

27

25
Leap year

23

21
Leap year

3rd gen

H's half age
(female stays in G2)

Figure-5

28. We know that F's father's (male) age is 56 (figure-4) and H's age is 50 (figure-5). Therefore by combining figure-1 & figure-4 with figure -5 we can get that W's only daughter is X, whose age is 48.

29. Now X and H are from 2nd generation. Therefore I must be from 2nd generation (from figure-4). This implies that I must be the father of F.

70 [W]

1st gen

56 (I)

50 [H]

48 (X)

2nd gen

29
Leap year

27

25
Leap year

23

21
Leap year

3rd gen

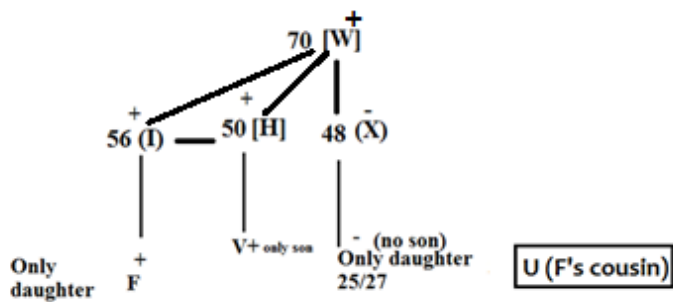
H's half age
(female stays in G2)

30. Now we can get clear that E, F, U, V, and G are from 3rd generation.

31. From figure-3 we can confirm that there are two males in second generation. I's brother must be H. Thus we get

32. The persons on second generation are from same parent. From here it clear that H and I are son of W.

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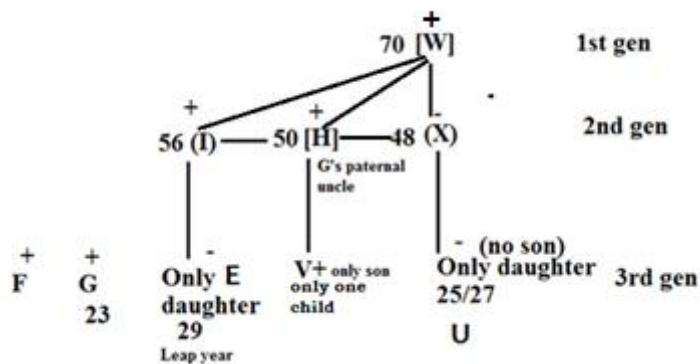


From figure-3 we can confirm that G must be the son of I (If G is son of H, G can't have elder sister)

That is G's paternal uncle is H, whose only son is V.

E is only daughter of I and U is the daughter of X

33. The person who is third eldest has not more than one child



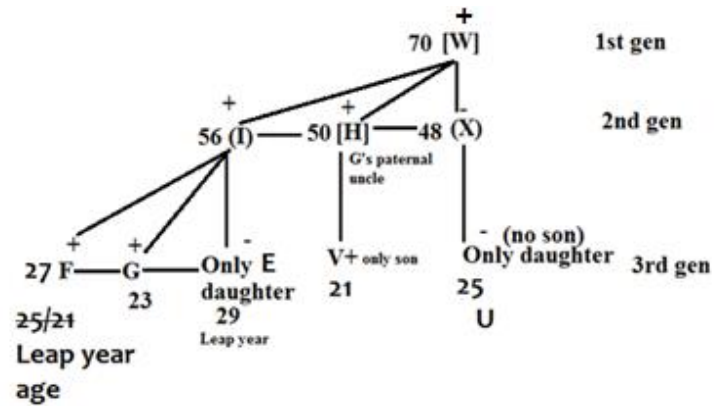
34. The people who born in leap year were not siblings

35. The person whose age is prime number is from same parents.

36. U is cousin of F

From here it is clear that F and G is Son of I.

Final blood relation



37. The Grandfather and the one whose age is 21 were staying in the same room.

38. G and his elder sister whose age is 29years, lives in same floor, but not in same room.

39. G's age is a prime number and doesn't live in F2

3 rd	G2 Only U [25]	G3
2 nd	E[29] F2	G[23] F3
1 st	V[21] W [70]	Vacant E3

40. G stays with his paternal uncle

41. Only F, who stays with his father

3 rd	G2 Only U [25]	F[27] I[56] G3
2 nd	E[29] F2	G[23] H[50] F3
1 st	V[21] W [70]	Vacant E3

Now only X is left

42. The difference between the sum of the ages of people staying in F2 and F3 is 4 years

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Final Arrangement

3 rd	G2 Only U [25]	F[27] I[56] G3
2 nd	E[29] X[48] F2	G[23] H[50] F3
1 st	V[21] W [70] E2	Vacant E3

36. d

37. c

38. e

39. b

40. a

SOLUTION(41-45):

Explanation in detail:

- Aadish does not born in odd numbered year.
- There are two persons born between Aadish and the one who wears Rolex.
- Only one person born between Aadarsh and the one who wears Rolex, who does not born in the year 1964.
- The sum of the ages of Aadarsh and the one who wears Boss is equal to perfect square of a number.

CASE 1

Year	Month	Person	Watch
1964 age 56	May	Aadish	
	November		
1977 age 43	May		
	November		Rolex
1982 age 38	May		
	November	Aadarsh	
1991 age 29	May		
	November		

CASE 2

Year	Month	Person	Watch
1964	May		
	November	Aadish	
1977	May	Aadarsh	
	November		
1982	May		Rolex
	November		
1991	May		
	November		

CASE 3

Year	Month	Person	Watch
1964	May		
	November		
1977	May		
	November		
1982	May	Aadish	
	November	Aadarsh	
1991	May		
	November		Rolex

CASE 4

Year	Month	Person	Watch
1964	May		
	November		
1977	May		Rolex
	November		
1982	May	Aadarsh	
	November	Aadish	
1991	May		
	November		

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15. The sum of the ages of Aadarsh and the one who wears Boss is equal to perfect square of a number
16. Age of the one who wears Citizen is not a prime number but born in one of the months before the one who wears Rotary
17. There are only two persons born between the one who wears Citizen and the one wears Boss.
18. There are only three persons born between Aagosh and the one who wears Citizen

Case 3 and case 2 eliminated

CASE 1

Year	Month	Person	Watch
1964 age 56	May	Aadish	
	November	Aaghosh	
1977 age 43	May		Boss
	November		Rolex
1982 age 38	May		
	November	Aadarsh	Citizen
1991 age 29	May		
	November		

CASE 4

Year	Month	Person	Watch
1964	May		
	November	Aaghosh	
1977	May		Boss
	November		
1982	May	Aadish	
	November	Aadarsh	Citizen
1991	May		
	November		Rolex

19. The person who wears Casio watch born immediately before Aansh
20. Age of the one who wears Citizen is not a prime number but born in one of the months before the one who wears Rotary

From this CASE 4 is eliminated now we go with CASE 1.

CASE 1

Year	Month	Person	Watch
1964 age 56	May	Aadish	
	November	Aaghosh	Casio
1977 age 43	May	Aansh	Boss
	November		Rolex
1982 age 38	May		
	November	Aadarsh	Citizen
1991 age 29	May		
	November		Rotary

21. As many persons born between Aabhas and the one who wears Gucci is same as the persons born after the one who wears Rotary
22. Aadesh and the one who wears Diesel are born in different month.
23. Aabhas was born immediately after the one who wears Aansh.

CASE 1

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Year	Month	Person	Watch
1964 age 56	May	Aadish	Diesel
	November	Aaghosh	Casio
1977 age 43	May	Aansh	Boss
	November	Aabhas	Rolex
1982 age 38	May		Gucci
	November	Aadarsh	Citizen
1991 age 29	May		Armani
	November	Aadesh	Rotary

24. More than two persons born between Aanshi and one who wears Diesel.

25. Aanshi does not like Gucci.

Year	Month	Person	Watch
1964 age 56	May	Aadish	Diesel
	November	Aaghosh	Casio
1977 age 43	May	Aansh	Boss
	November	Aabhas	Rolex
1982 age 38	May		Gucci
	November	Aadarsh	Citizen
1991 age 29	May	Aanshi	Armani
	November	Aadesh	Rotary

Final arrangement

Year	Month	Person	Watch
1964 age 56	May	Aadish	Diesel
	November	Aaghosh	Casio
1977 age 43	May	Aansh	Boss
	November	Aabhas	Rolex
1982 age 38	May	Aapeksha	Gucci
	November	Aadarsh	Citizen
1991 age 29	May	Aanshi	Armani
	November	Aadesh	Rotary

41. e

42. d

43. d

44. a

45. b

SOLUTION(46-50):

Explanation in detail:

Their heights and ages are between 34-62. So birth year are between 1958 – 1988.

- Sum of U and S's height is equal to 77.
- V was born in 1969.
- P's age is as same as that of S's height.
- U's height is prime number which is below 41 cm.

Person	Age	Height	Year
P	40		1980
Q			
R			
S		40	
T			
U		37	
V	51		1969
W			
X			

- P is three years elder than R.
- Q's age is square of a number which is not more than S's height.
- The difference between birth year of R and X is 17.
- U born after X whose age difference is 120 months.

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9. X is shorter than R both of them has odd number heights.

10. Average of R and X's height is 52

Person	Age	Height	Year
P	40		1980
Q	36		1984
R	37	53	1983
S		40	
T			
U	44	37	1976
V	51		1969
W			
X	54	51	1966

11. S is 4 years elder than X.

12. Height of W is six times the difference of ages of U and Q.

13. P's height is divisible by both 5 and 9.

14. T born in a year which is not less than 366 days and its resultant of sum of digits is divisible by 5. Hence only two possibilities is there 1960 and 1964. Sum is divisible by 5 hence 1964 is T's birth year.

Person	Age	Height	Year
P	40	45	1980
Q	36		1984
R	37	53	1983
S	58	40	1962
T	56		1964
U	44	37	1976
V	51		1969
W		48	
X	54	51	1966

15. S's age is same as that of Q's height.

16. V is younger than T.

17. Age of W is average height of Q and S

18. Square of the difference between Q's age and T's height is 289.

Person	Age	Height	Year
P	40	45	1980
Q	36	58	1984
R	37	53	1983
S	58	40	1962
T	56	41	1964
U	44	37	1976
V	51		1969
W	49	48	1971
X	54	51	1966

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19. Difference of twice the height of V and one fourth of U's age is 73. .

Person	Age	Height	Year
P	40	45	1980
Q	36	58	1984
R	37	53	1983
S	58	40	1962
T	56	41	1964
U	44	37	1976
V	51	42	1969
W	49	48	1971
X	54	51	1966

Final arrangement

Person	Age	Height	Year
P	40	45	1980
Q	36	58	1984
R	37	53	1983
S	58	40	1962
T	56	41	1964
U	44	37	1976
V	51	42	1969
W	49	48	1971
X	54	51	1966

46. b
47. C
48. E
49. A
50. C

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Seating with Ages

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

Eight persons V, H, B, G, L, J, T and N are sitting around a circular table but not necessarily in the same order. Four of them are facing inside and the other four are facing outside. All eight persons have different ages.

G sits third to the right of H, who is one year older than the person who sits to the immediate left of L. The person who is sitting second to the left of G is facing the same

direction as the person who is fifty years old. The age of immediate neighbors of L are 18 and 21 years old. V and J are fifty and fifty five years old respectively. L sits to the immediate left of T. The person who is twenty six years old is facing outward and is an immediate neighbor of the person who is twenty one years old. N is an immediate neighbor of the persons who are fifty and twenty six years old. B faces the centre and sits third to the right of J. T is eighteen years old and faces the person who is thirty years

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old. Age of L is equal to the number obtained by reversing the digits of H's age. V does not sit second to the left of G.

1. **Who among the following is 26 years old?**

- (a) E
- (b) J
- (c) H
- (d) G
- (e) B

2. **What is the age of H?**

- (a) 22 years
- (b) 19 years
- (c) 24 years
- (d) 25 years
- (e) 26 years

3. **Who among the following sits second to the left of B?**

- (a) H
- (b) T
- (c) J
- (d) G
- (e) N

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

- (a) B
- (b) H
- (c) V
- (d) T
- (e) N

5. **Who among the following sits third to the left of J?**

- (a) N
- (b) H
- (c) B
- (d) L
- (e) T

Directions (6-10): Solve the questions based on the following given information carefully.

There are eight people A, B, C, D, E, F, G and H sitting around a circular table for the lunch. Some of them are facing towards the center of the table while some are facing opposite to the center of the table. They all are of different age viz. 11, 13, 15, 17, 18, 19, 27 and 31 year but not necessarily in the same order. A is sitting third to the right of C. A's age is 31 years old. Only one person is sitting between A and B. D is sitting fourth to the right of B. The one whose age is 15 years old sits second to the right of D. Three persons sit between the one whose age is 15 years and the one whose age is 31 years. The one whose age is 18 years sits second to the right of one whose age is 31 years. D is not 18 years old. The one who is 17 years old sits third to the right of the one who is 18 years old. C's age is 17 years. There are two persons sit between D and E. Three persons sit between the one whose age is 13 years and the one whose age is 19 years. E's age is neither 13 nor 19 years old. E faces the center of the table. There is only one person sits between the one whose age is 19 years and the one whose age is 27 years. The one who is 15 years old sits third to the right of the

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one whose age is 27 years. The one who is 11 years old sits third to the right of the one whose age is 19 years. G sits fourth to the right of the one whose age is 13 years. F is not an immediate neighbor of G. The one whose age is 13 years sits third to the left of the one whose age is 15 years and both faces the same direction.

6. **What is the age of E?**

- b. 15 years old
- c. 11 years old
- d. 27 years old
- e. 19 years old
- f. 18 years old

7. **Who sits third to the right of the one whose age is 11 years?**

- (a) C
- (b) F
- (c) E
- (d) G
- (e) H

8. **Which of the following are immediate neighbors of A?**

- (a) B, E
- (b) The one whose age is 27 and 13 years.
- (c) H, E
- (d) The one whose age is 27 and 11 years.
- (e) G, B

9. **How many people are facing towards the centre?**

- (a) 5
- (b) 4

(c) 3

(d) 2

(e) 1

10. **What is the total sum of age of the immediate neighbors of G?**

(a) 32

(b) 30

(c) 29

(d) 25

(e) 33

Directions (11-15): Solve the questions based on the following given information carefully.

Ten persons are sitting in two parallel rows containing five seats in each row in such a way that there is an equal distance between adjacent persons. In row 1 – E, F, G, H and I – are seated and all of them are facing in north direction but not necessarily in the same order and in row 2 – U, V, W, X and Y – are seated and all of them are facing in south direction but not necessarily in the same order. Every person in row1 faces exactly another person in row2. The ages of the persons who are sitting in row1 are multiple of 4. The ages of the persons who are sitting in row 2 are multiple of 3. No two persons are of the same age.

The person who faces F sits third to the right of the one whose age is 36 years. The difference between the ages of E and W is 17 years. Only one person sits between G and H. Neither G nor H faces the person whose age is 36 years. Either U or X is of 36 years old. Four persons sit to the left

of the person, who is 2 years older than F and faces either G or H. Only two persons sit between W and X. F is four years older than U. Only one person is sitting between U and Y who sits at the extreme end. E sits to the left of I. The person who sits third to the left of I is of 52 years old. The persons sitting to the left of F are younger than W. G is six years older than Y. The age of W is between the age of Y and G. The sum of the ages of V and I is equal to the sum of the ages of H and Y. Sum of the ages of H and Y is 110 years. The age of I is a multiple of 11.

11. What is the sum of the ages of G and I (in years)?

- (a) 110
- (b) 100
- (c) 120
- (d) 90
- (e) 104

12. Which of the following statement is true?

- (a) F is older than V.
- (b) E sits to the left of F.
- (c) X faces I.
- (d) U and X are adjacent to each other.
- (e) None of these

13. Who sits to the immediate right of the person whose age is 60 years?

- (a) E
- (b) H
- (c) G
- (d) I
- (e) None of these

14. Who sits opposite to U?

- (a) E
- (b) G
- (c) H
- (d) I
- (e) F

15. Four of the following five are alike in a certain way and hence form a group. Find out the one which does not belong to that group.

- (a) U, 60 years old
- (b) G, 48 years old
- (c) V, 40 years old
- (d) X, 36 years old
- (e) F, 57 years old

Directions (16-20): Solve the questions based on the following given information carefully

Six people G, H, I, J, K and L of six different countries V, W, X, Y, Z and M are sitting around a circular table facing the centre. They all have different ages such as viz. 41, 44, 48, 50, 52 and 54 (in years) but not necessarily in the same order. I sits second to the right of the person who is from country Y. The one whose age is 54 years is not I. The one whose age is 48 years, sits second to the left of the person who is from country M who is not G and I. H sits opposite to the person who is from country Z whose age is 44 years. There is only person between the person who is from country M and Z but he is not from country V. Person from country Z sits second to the right of the person from country M. The person whose age is 50 years sits second

to the right of G. The person whose age is 52years does not sit near to the one whose age is 44years. L sits to the immediate left of the person who is from country X but not near to G. The person from the country V doesn't sit near to the person from the country W but to the immediate right of J.

16. Who is sitting opposite to the person belongs to country W?

- (a) I
- (b) J
- (c) H
- (d) Person from country V
- (e) L

17. What is the position of the person whose age is 41 years with respect to the one whose age is 48 years?

- (a) Second to the right
- (b) Immediate right
- (c) Immediate left
- (d) Opposite
- (e) Second to the left

18. Which of the following statement is true?

- (a) L is the person from country M
- (b) I is second to the right of H but not near to M
- (c) H's age is 52years.
- (d) Person from country X is opposite to the person from country Y
- (e) I's age is 50years.

19. Who among the following is 41 years old?

- (a) I

(b) J

(c) G

(d) H

(e) K

20. Who is sitting opposite to K?

- (a) Person from country X
- (b) The one whose age is 41years
- (c) G
- (d) L
- (e) -H

Directions (21-25): Solve the questions based on the following given information carefully

Eight persons P, Q, R, S, T, U, V and W are sitting around a rectangular table in such a way that four of them sit at four corners, who are facing towards the center, and rest four who sits at the middle of the side, are facing outside. They like different fruits – Banana, Grapes, Guava, Apple, Blueberry, Coconut, Litchi and Mango. All of them have different ages starting from 21 to 28 (in years).

Q sits at the corner and likes Guava fruit. Only two persons sit between Q and the one whose age is greater than 24years but odd number. V neither likes Grapes nor Apple. S sits third to the right of V. S's age is 22 years old. S is not an immediate neighbor of Q. The one whose age is 23 years, likes Litchi fruit and faces centre but does not sit to the immediate left of U. Only two persons sit between the U, who likes Banana and T who faces inside the center. The person who likes Apple fruit is 25 years old. Q's age is an odd number. R faces towards the center.

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U is not an immediate neighbor of S. P sits second to the left of W who likes Coconut fruit. The one who likes Blueberry fruit sits second to the right of the one who likes Grapes fruit. The youngest person likes Mango fruit and W is not the oldest person. S faces inside the center. Neither R nor P likes Grapes fruit. T is 2 years older than U.

21. Who among the following is 24 years old?

- (a) V
- (b) S
- (c) P
- (d) R
- (e) W

22. What is the age of P?

- (a) 25 years old
- (b) 22 years old
- (c) 27 years old
- (d) 26 years old
- (e) 28 years old

23. Who among the following sits second to the left of S?

- (a) W
- (b) Q
- (c) T
- (d) R
- (e) U

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

- (a) W
- (b) V
- (c) U
- (d) R
- (e) P

25. Who among the following sits second to left of the one whose age is 21 years?

- (a) 22 years old
- (b) 24 years old
- (c) 26 years old
- (d) 21 years old
- (e) 27 years old

Directions (26-30): Solve the questions based on the following given information carefully

Nine people Q, G, L, M, J, R, K, N and I are sitting in a row. Some of them are facing in North while some are facing in South direction. Persons face in opposite direction means (If one faces south, the other faces north and vice versa). Their age lies in between 35-65 years old. None of them has same age.

R sits in the middle of the row, and one person sits between N and R. Q sits second to the left of N, and faces in opposite direction with respect to both R and N. G and L are immediate neighbors of each other and one of them sits at any extreme end of row and both face same direction with respect to Q. Number of persons sitting between L and R is same as in between I and R. One person sits between I and the one whose age is a perfect square of a number which is more than 6. M and J are

SBI Clerk/ RBI Assist. Mains – Reasoning

immediate neighbors of each other and difference between both of their ages is 1 and the age of one of them is a perfect square of a number which is more than 5. Number of persons sitting between the one whose age is 37 years and one who is sitting to the immediate right of R, is one more than number of persons sitting between G and M. The age of immediate neighbors of R is a perfect square number. M, who is 48 years old, sits third to the left of K. The person who is 55 years old sits sixth to right of L. Q's age is 10 years less than his neighbor and I faces in opposite direction with respect to both M and N. R is 3 years older than J. Difference between the ages of N and L is 5 years and L is older than N, who is 2 years younger than I. Not more than 3 persons are facing in south direction and G is the youngest among all nine members.

26. How many persons are sitting to the right of M?

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

27. Which group represents the people whose age is a perfect square number?

- (a) I, Q
- (b) K, N
- (c) L, J
- (d) J, G
- (e) J, K

28. How many persons are sitting between I and M?

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

29. If L is related to J and N is related to Q in a certain way, then following same pattern K is related to whom?

- (a) J
- (b) I
- (c) G
- (d) Q
- (e) None of these

30. Which group represents the group of people facing in south direction?

- (a) K, I, Q
- (b) G, L, M
- (c) M, R, N
- (d) J, K, Q
- (e) None of these

Directions (31-35): Solve the questions based on the following given information carefully

Seven persons Ramesh, Ravi, Rakesh, Roshan, Rahul, Ratan and Rishab are sitting in the straight line. Some of them are facing towards the south while some are facing towards the north. Each of them has different ages (in years) viz., 72, 74, 75, 78, 80, 83 and 85 but not necessarily in the same order.

SBI Clerk/ RBI Assist. Mains – Reasoning

Ratan is facing south and his age is the multiple of 5. Ramesh is facing in north and sits second to the right of both Roshan and Rakesh. Rahul is facing south and he is youngest. Difference between the age of Ramesh and Rishab is 4 and also both are immediate neighbors of each other. Difference between the ages of Ravi and Rakesh is 10. The person who is oldest among all, doesn't sit at an extreme end of the line. Ravi is an immediate neighbor of Roshan but not an immediate neighbor of Ramesh. Rahul and Rakesh don't sit at an extreme end of the line. The immediate neighbors of Roshan are facing in opposite directions. The second eldest and youngest person is next to each other. The difference between the ages of Rakesh and the person who sits immediate right of Rakesh is at least 10. The sum of the ages of the person who sits at right end of the row and his neighbor is at least 160. Not more than two consecutive persons are facing the same direction.

31. Who among the following is second eldest among all?

- (a) Ravi
- (b) Rahul
- (c) Roshan
- (d) Ramesh
- (e) None of these

32. How many persons are between Rishab and the one who sits immediate right of Roshan?

- (a) Two
- (b) Three

- (c) One
- (d) More than three
- (e) None of these

33. What is the difference between the age of the person who sits in the middle of the line and the one who sits immediate right of Ravi?

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

34. What is the total age of Rakesh, Roshan and the person who sits extreme left end of the row?

- (a) Above 240
- (b) Above 190
- (c) Below 200
- (d) Below 240
- (e) None of these

35. What is the position of Roshan with respect to the one whose age is 74 years?

- (a) Third to the right
- (b) Third to the left
- (c) Immediate right
- (d) Immediate left
- (e) Second to the right

Directions (36-40): Solve the questions based on the following given information carefully

SBI Clerk/ RBI Assist. Mains – Reasoning

Eight persons- H, N, S, I, D, A, R, and E are sitting around a circular table but not necessarily in the same order. Four of them are facing inside and others are facing outside the circle. All the eight persons have different ages. They are born in the same month and same date of different years. Their ages are calculated as base year 2020.

S's age is Forty-nine years old. H is one year older than the person who sits to the immediate left of E. N faces center of the table and sits third to the right of A. The person who sits second to the left of I is facing the same direction as the person who was born in 1971. Immediate neighbors of E are seventeen and twenty years old. E is not the youngest person. D is seventeen years old and faces the person who was born in 1990. A was born in 1966. E sits to the immediate left of D. The person who is twenty-five years old is facing outwards and is an immediate neighbor of the person who is twenty years old. R is an immediate neighbor of the person who is Forty-nine years old and the person who was born in 1995. Age of E is equal to the number obtained by reversing the digits of H's age. S does not sit second to the left of I.

36. How many persons are sit between R and the one who is the oldest person in the group?

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

37. What is the difference between the age of I and one who was born on 2000?

- (a) Four
- (b) Five
- (c) Eight
- (d) Seven
- (e) None of these

38. What is the position of R with respect to the person whose age is 49?

- (a) Immediate right
- (b) Immediate Left
- (c) Second to the left
- (d) Second to the right
- (e) None of these

39. Which of the following combinations are correct?

- (a) I-1995
- (b) R-25
- (c) S-1969
- (d) N-1990
- (e) None of these

40. Who is the third youngest person of the group?

- (a) H
- (b) N
- (c) D
- (d) I
- (e) None of these

Directions (41-45): Solve the questions based on the following given information carefully

SBI Clerk/ RBI Assist. Mains – Reasoning

Twelve persons are sitting in a two parallel row, Row 1 and Row 2. G, H, I, L, N and O are sitting in row 2 and facing South direction. P, Q, R, U, V and W are sitting in row 1 and facing North direction. They have different ages viz, 65, 64, 63, 50, 49, 39, 36, 30, 28, 25, 20 and 15. The person whose age is an even number are not sit adjacent to each other and the person whose age is an odd number are not sit adjacent to each other.

G is elder than U. V is 63 years old and sits third from the extreme end of the row. L's age is twice that of Q and sits opposite to V. There are two person sit in between L and H, who is the youngest person among the group. Q sits opposite to the one whose age is 64 years. I's age is multiple of 5 and N sits to the immediate left of I. N is not 64 years old. P is 20 years younger than L and sits opposite to I. The age of G and U is a square number below 50. W sits somewhere to the left of Q. G sits second to the left of the one who is opposite to W. The number of persons sits to the right of O is one less than that of the number of persons sits left of the one whose age is 36 years. The one whose age is 65 years sits to the immediate right of the one whose age is 20 years old. Q is not the eldest person. R is elder than U. Q is younger than W.

41. What will be the age of R?

- (a) 25
- (b) 49
- (c) 36
- (d) 39
- (e) None of those given as options

42. How many people younger than P?

- (a) One
- (b) Two
- (c) Three
- (d) More than three
- (e) Y is the youngest person

43. Who sits second to the left of the one who sits opposite to U?

- (a) The one who is the eldest person
- (b) The one who is 49 years old
- (c) The one who is youngest person
- (d) None of those given as option
- (e) D

44. 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) 15
- (b) 28
- (c) 39
- (d) 50
- (e) 20

45. What is the sum of ages of W, O and R?

- (a) 121
- (b) 131
- (c) 148
- (d) 139
- (e) None of those given as options

Directions (46-50): Solve the questions based on the following given information carefully

SBI Clerk/ RBI Assist. Mains – Reasoning

Fourteen people are sitting in two parallel rows of eight seats in each row and one seat is vacant in each row. L, M, N, O, P, Q and R are sitting in row 1 facing South E, F, G, H, I, J and K are sitting in row 2 facing north. Each likes different two wheelers i.e Splendor, Royal Enfield, Yamaha, Activa, Pulsar, KTM, Apache, Honda Shine, Suzuki, Platina, Jawa, Jupiter, Access-125 and Dio but not necessarily in the same order. Each person has different age – 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16 but not necessarily in the same order.

The difference between the age of M and N is 3. H sits fourth to the right of G and likes Activa. Only three people sit between F and the vacant seat. Q is 10 years old and is an immediate neighbor of O and M. F does not like Pulsar or Platina. P is not an immediate neighbor of N. M likes Access 125. The persons who sit at the extreme end of the line have ages in consecutive order. Neither F nor I is 8 years old. Both the immediate neighbors of vacant seat in both rows have age in odd number. The one who likes Yamaha faces the one who likes Honda Shine. R likes Suzuki and sits third from the left end. The one who likes Yamaha sits opposite to the one who sits fourth to the right of the person who sits opposite to H. N is not an immediate neighbor of O. I, who likes neither Pulsar nor Platina nor KTM and does not face R. Neither H nor G sits at the extreme ends of the row. O faces J. J sits third to the left of E and is 14 years old. Vacant seats are not opposite to each other. Three seats are there between N and M who sits fourth right of the one who likes Apache. J likes Dio.

K is older than M but younger than R, who is younger than E and is an immediate neighbor of H but not F. The one who likes Jupiter faces the one who likes Activa. The person who likes the Splendor and Jawa are adjacent to each other. Vacant seat in row 1 is not an immediate neighbor of O. K neither likes Platina nor Activa. F sits at one of the extreme ends of the row 2. G does not like Splendor and Jawa. F is not an immediate neighbor of J. Vacant seat of row 1 does not face H who does not sit at any of the extreme ends of the row. The person who likes Splendor is 3 years old. The age of P is the half of the age of I. The age of L, G and H is the square of the age of O, P and L respectively. Neither O nor H is 4 years old.

46. Who among the following is 2 years old?

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

47. Which of the following combination is correct?

- (a) Splendor – 3
- (b) Access125 – 16
- (c) Activa – 7
- (d) Pulsar – 6
- (e) None of these

48. How many persons sit between O and N?

- (a) None
- (b) One
- (c) Two

(d) Three

(e) Four

49. Who among the following is 15 years old?

(a) J

(b) E

(c) R

(d) M

(e) N

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

(a) P

(b) N

(c) G

(d) I

(e) F

Seating with Ages – Answer and Explanation

SOLUTION (1-5):

Explanation in detail:

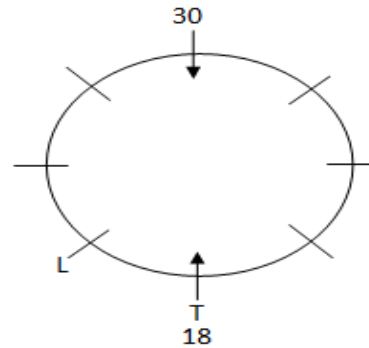
1. H, who is one year older than the person who sits to the immediate left of L
2. Immediate neighbours of L are 18 and 21 years old.
3. Age of L is equal to the number obtained by reversing the digits of H's age

From here we can find the possible age of L and H

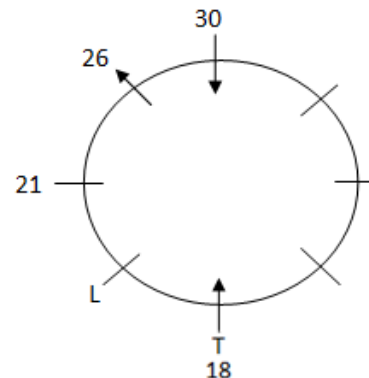
L's immediate Left person age	→	H's age	→	L's age
18		19		91
21		22		22

Figure 1

4. T is Eighteen years old and faces the person who is thirty years old. (from here it is clear that T faces inside then only T faces 30 year old)
5. L sits to the immediate left of T.

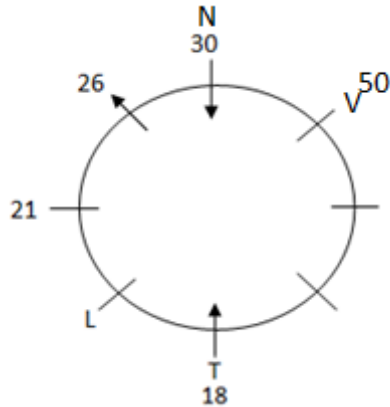


6. Immediate neighbors of L are 18 and 21 years old.
7. The person who is twenty six years old is facing outwards and is an immediate neighbor of the person who is twenty one year old. (L's age is 26 not possible as shown in figure 1)

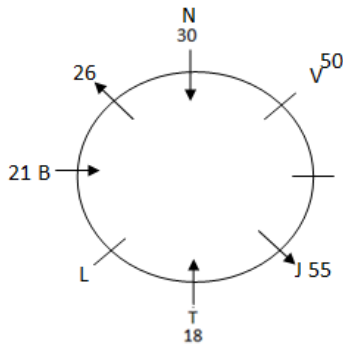


SBI Clerk/ RBI Assist. Mains – Reasoning

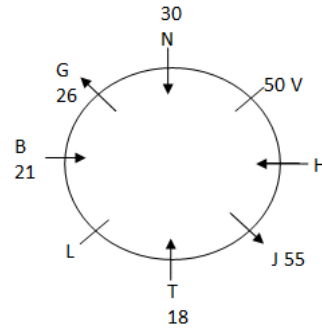
8. N is an immediate neighbor of the persons who are fifty and twenty six years old.
9. V is fifty years old.



10. J is fifty five years old.
11. B faces the centre and sits third to the right of J.

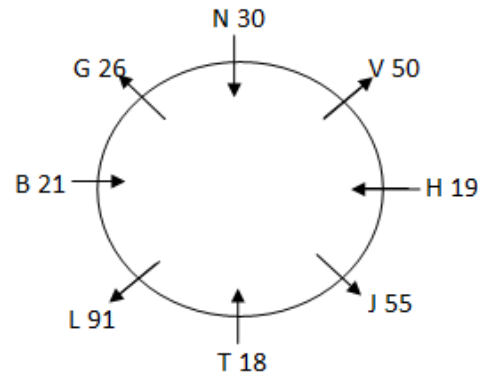


12. G sits third to the right of H.
13. The person who is sitting second to the left of G is facing the same direction as the person who is fifty years old. So, H must face inside.



14. As per instruction four of them faces inside and four faces outside, then L and V face outside the circle and satisfy the conditons.
15. Age of L is equal to the number obtained by reversing the digits of H's age (from figure 1 we cannot take L's age is 22 years because then the age of H and L become same which is not possible so we take age of L is 91 years old and H's age is 19 years)

Final Arrangement



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

SOLUTION (6-10):