



## Topic – Square Sitting Arrangement

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

Eight bottles from B1 to B8 were placed around a square table such that the bottles which have odd numbers in their name were placed at each of the corners while the bottles that have even number in their name were placed in the middle of each side of the table. All the bottles were facing towards the centre. B2 is third to the right of B7. B3 is on the immediate right of B4, which is adjacent to B7. B6 is not placed adjacent to B7. B1 is on the immediate left of B6.

**1) Which of the following is on the immediate left of B5?**

- a) B8
- b) B6
- c) B4
- d) B7

Correct Choice: b

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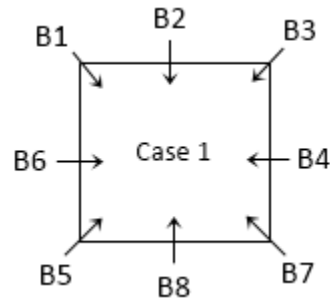
**Explanation:**

B6 is on the immediate left of B5.

Hence option B is correct.

**Final Arrangement:**

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## Common Explanation:

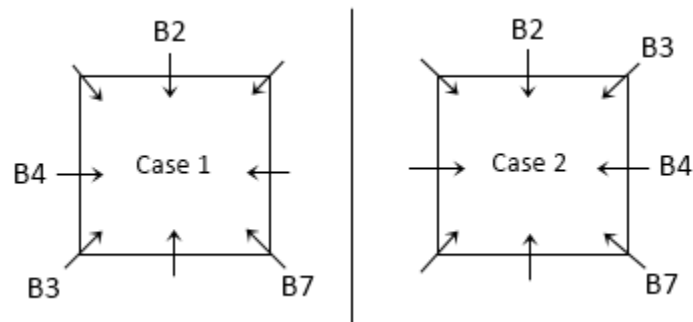
### Reference:

B2 is third to the right of B7.

B3 is on the immediate right of B4, which is adjacent to B7.

### Inference:

Following two cases occur with the given hints.



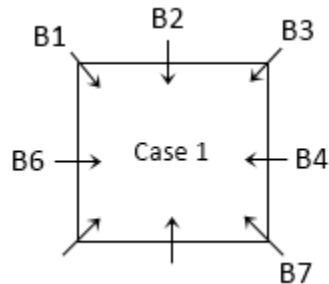
### Reference:

B6 is not placed adjacent to B7.

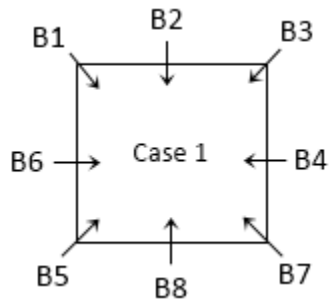
B1 is on the immediate left of B6.

### Inference:

Case-1 fails, as B6 is adjacent to B7 in this case.



As we know that bottles with odd numbers are placed at the corners, thus B5 will be placed at the corner and B8 in the middle of the side.



**2) How many bottles are placed between B3 and B8 when counted from the left of latter?**

- a) 2
- b) 1
- c) 4
- d) 3

Correct Choice: c

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**Explanation:**

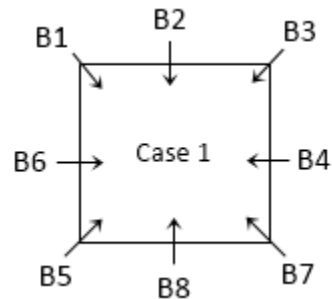
4 bottles are placed between B3 and B8 when counted from the left of latter.

Hence option C is correct.

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## Final Arrangement:



## Common Explanation:

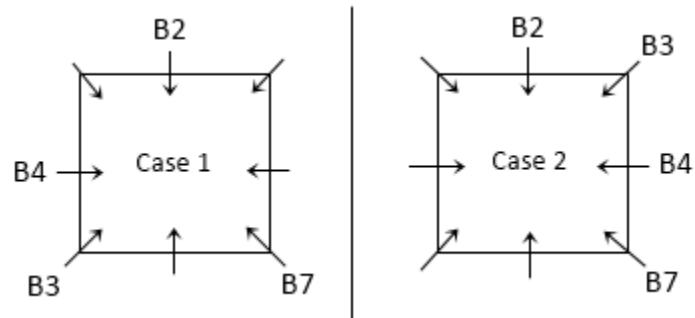
### Reference:

B2 is third to the right of B7.

B3 is on the immediate right of B4, which is adjacent to B7.

### Inference:

Following two cases occur with the given hints.



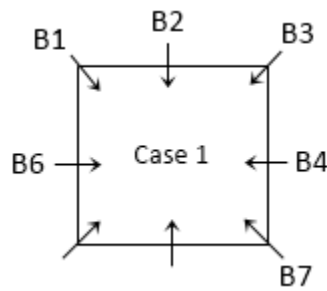
### Reference:

B6 is not placed adjacent to B7.

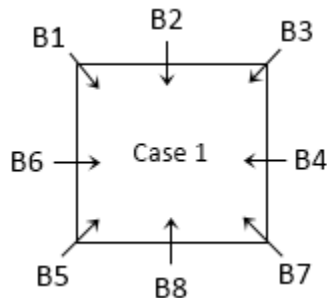
B1 is on the immediate left of B6.

## Inference:

Case-1 fails, as B6 is adjacent to B7 in this case.



As we know that bottles with odd numbers are placed at the corners, thus B5 will be placed at the corner and B8 in the middle of the side.



**3) Which of the following is placed opposite to B2?**

- a) B8
- b) B7
- c) B5
- d) B6

Correct Choice: a

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## Explanation:

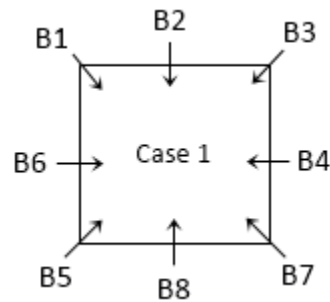
B8 is placed opposite to B2.

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Hence option A is correct.

## Final Arrangement:



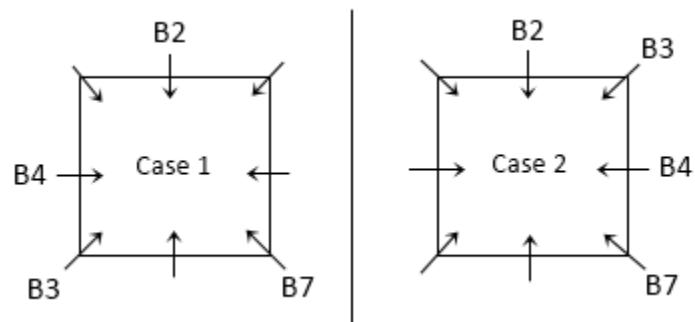
## Common Explanation:

### Reference:

B2 is third to the right of B7.  
B3 is on the immediate right of B4, which is adjacent to B7.

### Inference:

Following two cases occur with the given hints.

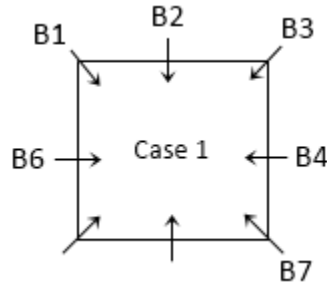


### Reference:

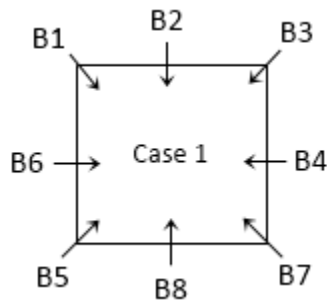
B6 is not placed adjacent to B7.  
B1 is on the immediate left of B6.

## Inference:

Case-1 fails, as B6 is adjacent to B7 in this case.



As we know that bottles with odd numbers are placed at the corners, thus B5 will be placed at the corner and B8 in the middle of the side.



**4) Which of the following is third to the right of B4?**

- a) B3
- b) B1
- c) B7
- d) B5

Correct Choice: b

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**Explanation:**

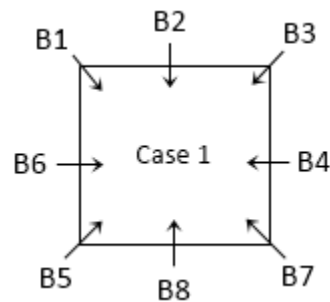
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B1 is third to the right of B4.

Hence option B is correct.

## Final Arrangement:



## Common Explanation:

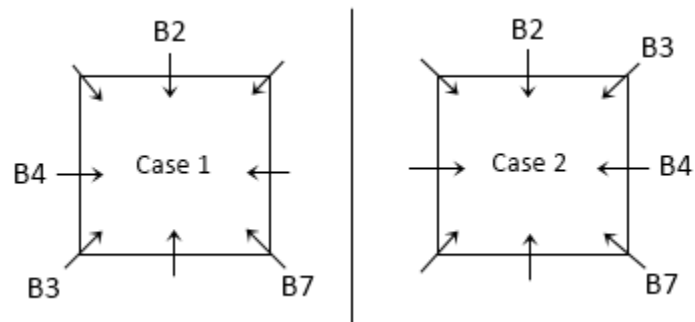
### Reference:

B2 is third to the right of B7.

B3 is on the immediate right of B4, which is adjacent to B7.

### Inference:

Following two cases occur with the given hints.



### Reference:



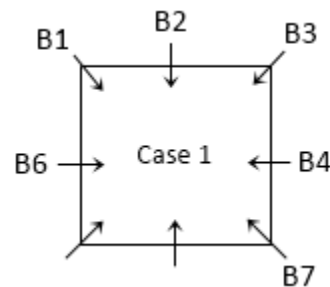
# Wipro Elite NTH Reasoning Questions & Answers - Paper 3



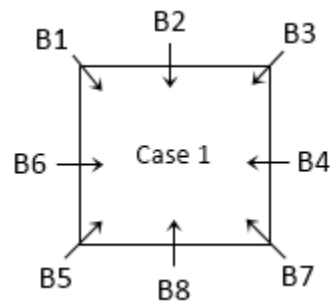
B6 is not placed adjacent to B7.  
B1 is on the immediate left of B6.

## Inference:

Case-1 fails, as B6 is adjacent to B7 in this case.



As we know that bottles with odd numbers are placed at the corners, thus B5 will be placed at the corner and B8 in the middle of the side.



**5) Which of the following is placed exactly between B6 and B4 when counted from the right of B6?**

- a) B2
- b) B8
- c) B7
- d) B5

Correct choice: b

**Explanation:**

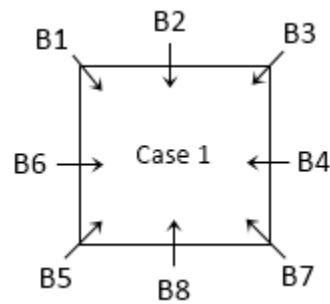
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B8 is placed exactly between B6 and B4 when counted from the right of B6.

Hence option B is correct.

## Final Arrangement:



## Common Explanation:

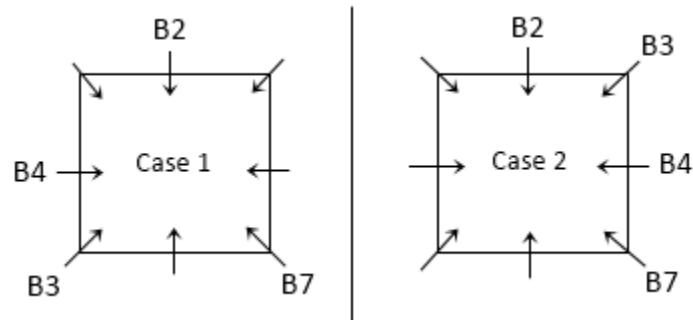
### Reference:

B2 is third to the right of B7.

B3 is on the immediate right of B4, which is adjacent to B7.

### Inference:

Following two cases occur with the given hints.

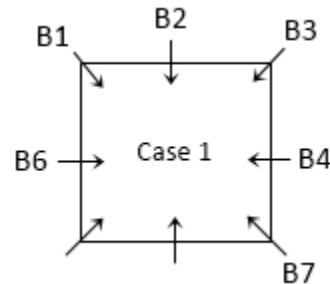


### Reference:

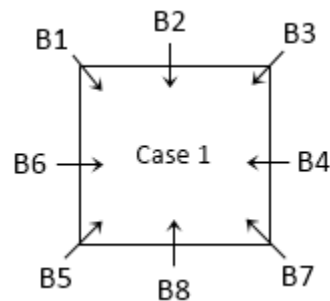
B6 is not placed adjacent to B7.  
B1 is on the immediate left of B6.

## Inference:

Case-1 fails, as B6 is adjacent to B7 in this case.



As we know that bottles with odd numbers are placed at the corners, thus B5 will be placed at the corner and B8 in the middle of the side.



## Topic – Logical Inequalities

(6-8) If  $S > R$ ,  $T \geq U$ ,  $P < R$ ,  $T \leq V$ ,  $V = E$ ,  $E \leq S$  is true, then which of the following conclusions is definitely true?

6)

- a)  $E \geq U$
- b)  $E \geq P$
- c)  $U < V$
- d)  $P \leq S$

Correct Choice: a

---



## Explanation:

After combining all the scattered equations, we can make the following expression:

$$U \leq T \leq V = E \leq S > R > P$$

$E \geq U$  is definitely true.

$E \geq P$  can't be definitely true because E and P share opposite signs.

$U < V$  could be true or false as the relationship between them is ' $\leq$ '.

$P \leq S$  can't be definitely true because S and P share opposite signs.

Hence option A is correct.

**(6-8) Which of the following is true if  $D \leq R < T = K < L = P \leq W < Q > S$  holds definitely true?**

7)

- a)  $L < Q$
- b)  $P > T$
- c)  $R < L$
- d) All of the above

Correct Choice: d

## Explanation:

With the given expression " $D \leq R < T = K < L = P \leq W < Q > S$ ", it is clear that all the given conclusions are definitely true.

Hence option D is correct.



Which of the following set of symbols when filled in the blanks from left to right will make  $D > E$  definitely true?

8)

F \_ D \_ S \_ R \_ E

- a)  $>, \geq, =, \geq$
- b)  $<, \geq, >, =$
- c)  $<, <, \geq, >$
- d)  $\geq, <, =, \geq$

Correct Choice: b

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**Explanation:**

Let us check each of the options one by one.

Option A – On placing all the signs from left to right in the given blanks, we get the relationship between D and E as  $D \geq E$ , which is not the desired one, thus option A is incorrect.

$$F > D \geq S = R \geq E$$

Option B - On placing all the signs from left to right in the given blanks, we get the relationship between D and E as  $D > E$ , which is the required one, thus option B is correct.

$$F < D \geq S > R = E$$

Hence option B is correct.

**Topic – Blood Relations**

9) How is F related to Z, if R is the son of E. F is the brother of G. T is married to E. E is the father-in-law of G. Z is the grandson of T. T and E has only one child.

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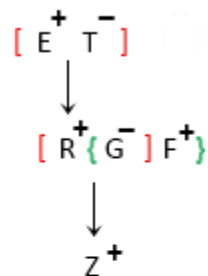
- a) Paternal Aunt
- b) Father
- c) Maternal Uncle
- d) Brother

Correct Choice: c

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## Explanation:

In such a case following relation tree can be observed.



[     ] → Married Couple

{     } → Siblings

+    → Male

-    → Female

Clearly, F is the maternal uncle of Z.

Hence option C is correct.

## Topic – Days Based Puzzle

**(10-14) Directions: Read the following information carefully and answer the questions given beside.**



Seven cars from A to G of a tour & travel company travelled certain distances during seven days of a week starting from Sunday. Only one car travelled on one particular day. No two cars travelled same distance.

Further it is known that:

- Car B travelled before Car C, a distance more than only two cars.
- Car C travelled immediately after Car D, which travelled the second highest distance.
- Car E travelled the lowest distance on Monday.
- Car F travelled at a gap of two days from Car A, which travelled before Car F.
- Car C did not travel the highest distance.
- Car G travelled immediately after Car F but travelled less than Car B.
- Car D travelled a distance more than that of Car B on Friday.
- Car C travelled a distance more than Car A.

**10) How many cars travelled before the car which had travelled the second lowest distance?**

- a) 3
- b) 2
- c) 5
- d) 4

Correct Choice: d

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## Explanation:

Car G travelled the second lowest distance, thus 4 cars travelled before G.

Hence option D is correct.

## Final Arrangement:

Days	Cars (in order of their day of travel)	Cars (Descending order of distance travelled)
Sunday	A	F
Monday	E	D
Tuesday	B	C
Wednesday	F	A
Thursday	G	B
Friday	D	G
Saturday	C	E

## Common Explanation:

## Reference:

Seven cars from A to G of a tour & travel company travelled certain distances during seven days of a week starting from Sunday.

Only one car travelled on one particular day.

No two cars travelled same distance.

## Inference:

We will keep these hints in mind while solving the puzzle, specially the



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second hint.

### Reference:

- Car E travelled the lowest distance on Monday.
- Car D travelled a distance more than that of car B on Friday.
- Car C travelled immediately after Car D, which travelled the second highest distance.

### Inference:

With the given hints following table can be prepared.

We will make a mental note of information that Car D travelled a distance more than that of Car B.

Note- The descending order of distance travelled by each car is indifferent of the days.

Days	Cars (in order of their day of travel)	Cars (Descending order of distance travelled)
Sunday		
Monday	E	D
Tuesday		
Wednesday		
Thursday		
Friday	D	
Saturday	C	E

### Reference:

- Car B travelled before Car C, a distance more than only two cars.
- Car F travelled at a gap of two days from Car A, which travelled before Car F.

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- Car G travelled immediately after Car F but travelled less than Car B.

### Inference:

The only way to satisfy the second hint is When car F travelled on Wednesday and accordingly car A travelled on Sunday.

Days	Cars (in order of their day of travel)	Cars (Descending order of distance travelled)
Sunday	A	
Monday	E	D
Tuesday	B	
Wednesday	F	
Thursday	G	B
Friday	D	G
Saturday	C	E

### Reference:

- Car C did not travel the highest distance.
- Car C travelled a distance more than Car A.

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### Inference:

<b>Days</b>	<b>Cars (in order of their day of travel)</b>	<b>Cars (Descending order of distance travelled)</b>
Sunday	A	
Monday	E	D
Tuesday	B	C
Wednesday	F	A
Thursday	G	B
Friday	D	G
Saturday	C	E

So, the only left out place is filled by the only left car i.e. Car F.

Thus the final arrangement is completed.

<b>Days</b>	<b>Cars (in order of their day of travel)</b>	<b>Cars (Descending order of distance travelled)</b>
Sunday	A	F
Monday	E	D
Tuesday	B	C
Wednesday	F	A
Thursday	G	B
Friday	D	G
Saturday	C	E



**11) How many cars travelled after the one which travelled the second highest distance?**

- a) 1
- b) 4
- c) 3
- d) 2

Correct Choice: a

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**Explanation:**

Car D travelled the second highest distance, thus 1 car travelled after D.

Hence option A is correct.

**Final Arrangement:**

<b>Days</b>	<b>Cars (in order of their day of travel)</b>	<b>Cars (Descending order of distance travelled)</b>
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Sunday	A	F
Monday	E	D
Tuesday	B	C
Wednesday	F	A
Thursday	G	B
Friday	D	G
Saturday	C	E

### Common Explanation:

### Reference:

Seven cars from A to G of a tour & travel company travelled certain distances during seven days of a week starting from Sunday.

Only one car travelled on one particular day.

No two cars travelled same distance.

### Inference:

We will keep these hints in mind while solving the puzzle, specially the second hint.

### Reference:

- Car E travelled the lowest distance on Monday.
- Car D travelled a distance more than that of car B on Friday.
- Car C travelled immediately after Car D, which travelled the second highest distance.

### Inference:

With the given hints following table can be prepared.

We will make a mental note of information that Car D travelled a distance more than that of Car B.

Note- The descending order of distance travelled by each car is indifferent

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of the days.

Days	Cars (in order of their day of travel)	Cars (Descending order of distance travelled)
Sunday		
Monday	E	D
Tuesday		
Wednesday		
Thursday		
Friday	D	
Saturday	C	E

### Reference:

- Car B travelled before Car C, a distance more than only two cars.
- Car F travelled at a gap of two days from Car A, which travelled before Car F.
- Car G travelled immediately after Car F but travelled less than Car B.

### Inference:

The only way to satisfy the second hint is When car F travelled on Wednesday and accordingly car A travelled on Sunday.

Days	Cars (in order of their day of travel)	Cars (Descending order of distance travelled)
Sunday	A	
Monday	E	D

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Tuesday	B	
Wednesday	F	
Thursday	G	B
Friday	D	G
Saturday	C	E

### Reference:

- Car C did not travel the highest distance.
- Car C travelled a distance more than Car A.

### Inference:

Days	Cars (in order of their day of travel)	Cars (Descending order of distance travelled)
Sunday	A	
Monday	E	D
Tuesday	B	C
Wednesday	F	A
Thursday	G	B
Friday	D	G
Saturday	C	E

So, the only left out place is filled by the only left car i.e. Car F.

Thus the final arrangement is completed.

Days	Cars (in order	Cars (Descending
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	of their day of travel)	order of distance travelled)
Sunday	A	F
Monday	E	D
Tuesday	B	C
Wednesday	F	A
Thursday	G	B
Friday	D	G
Saturday	C	E

12) If the highest travelled distance is 120 km, then which of the following cars have travelled such distance?

- a) D
- b) A
- c) F
- d) C

Correct Choice: c

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**Explanation:**

Car F travelled the highest distance, so if the highest travelled distance is 120 km then Car F had travelled it.

Hence option C is correct.

**Final Arrangement:**

Days	Cars (in order	Cars (Descending
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	of their day of travel)	order of distance travelled)
Sunday	A	F
Monday	E	D
Tuesday	B	C
Wednesday	F	A
Thursday	G	B
Friday	D	G
Saturday	C	E

### Common Explanation:

### Reference:

Seven cars from A to G of a tour & travel company travelled certain distances during seven days of a week starting from Sunday. Only one car travelled on one particular day. No two cars travelled same distance.

### Inference:

We will keep these hints in mind while solving the puzzle, specially the second hint.

### Reference:

- Car E travelled the lowest distance on Monday.
- Car D travelled a distance more than that of car B on Friday.
- Car C travelled immediately after Car D, which travelled the second highest distance.

### Inference:

With the given hints following table can be prepared. We will make a mental note of information that Car D travelled a distance

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more than that of Car B.

Note- The descending order of distance travelled by each car is indifferent of the days.

Days	Cars (in order of their day of travel)	Cars (Descending order of distance travelled)
Sunday		
Monday	E	D
Tuesday		
Wednesday		
Thursday		
Friday	D	
Saturday	C	E

### Reference:

- Car B travelled before Car C, a distance more than only two cars.
- Car F travelled at a gap of two days from Car A, which travelled before Car F.
- Car G travelled immediately after Car F but travelled less than Car B.

### Inference:

The only way to satisfy the second hint is When car F travelled on Wednesday and accordingly car A travelled on Sunday.

Days	Cars (in order of their day of travel)	Cars (Descending order of distance travelled)
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Sunday	A	
Monday	E	D
Tuesday	B	
Wednesday	F	
Thursday	G	B
Friday	D	G
Saturday	C	E

### Reference:

- Car C did not travel the highest distance.
- Car C travelled a distance more than Car A.

### Inference:

Days	Cars (in order of their day of travel)	Cars (Descending order of distance travelled)
Sunday	A	
Monday	E	D
Tuesday	B	C
Wednesday	F	A
Thursday	G	B
Friday	D	G
Saturday	C	E

So, the only left out place is filled by the only left car i.e. Car F.

Thus the final arrangement is completed.

Days	Cars (in order of their day of travel)	Cars (Descending order of distance travelled)
Sunday	A	F
Monday	E	D
Tuesday	B	C
Wednesday	F	A
Thursday	G	B
Friday	D	G
Saturday	C	E

**13) Which of the following cars travelled higher distance than the car that travelled on Wednesday?**

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

Correct Choice: d

**Explanation:**

Car F travelled on Wednesday and has travelled the highest distance. Thus no car has travelled higher distance than it.

Hence option D is correct.

**Final Arrangement:**

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Days	Cars (in order of their day of travel)	Cars (Descending order of distance travelled)
Sunday	A	F
Monday	E	D
Tuesday	B	C
Wednesday	F	A
Thursday	G	B
Friday	D	G
Saturday	C	E

### Common Explanation:

### Reference:

Seven cars from A to G of a tour & travel company travelled certain distances during seven days of a week starting from Sunday. Only one car travelled on one particular day. No two cars travelled same distance.

### Inference:

We will keep these hints in mind while solving the puzzle, specially the second hint.

### Reference:

- Car E travelled the lowest distance on Monday.
- Car D travelled a distance more than that of car B on Friday.
- Car C travelled immediately after Car D, which travelled the second highest distance.

### Inference:

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With the given hints following table can be prepared.

We will make a mental note of information that Car D travelled a distance more than that of Car B.

Note- The descending order of distance travelled by each car is indifferent of the days.

Days	Cars (in order of their day of travel)	Cars (Descending order of distance travelled)
Sunday		
Monday	E	D
Tuesday		
Wednesday		
Thursday		
Friday	D	
Saturday	C	E

### Reference:

- Car B travelled before Car C, a distance more than only two cars.
- Car F travelled at a gap of two days from Car A, which travelled before Car F.
- Car G travelled immediately after Car F but travelled less than Car B.

### Inference:

The only way to satisfy the second hint is When car F travelled on Wednesday and accordingly car A travelled on Sunday.

Days	Cars (in order of their of their day of travel)	Cars (Descending order of distance travelled)
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	<b>day of travel)</b>	<b>distance travelled)</b>
Sunday	A	
Monday	E	D
Tuesday	B	
Wednesday	F	
Thursday	G	B
Friday	D	G
Saturday	C	E

### Reference:

- Car C did not travel the highest distance.
- Car C travelled a distance more than Car A.

### Inference:

<b>Days</b>	<b>Cars (in order of their day of travel)</b>	<b>Cars (Descending order of distance travelled)</b>
Sunday	A	
Monday	E	D
Tuesday	B	C
Wednesday	F	A
Thursday	G	B
Friday	D	G
Saturday	C	E

So, the only left out place is filled by the only left car i.e. Car F.

Thus the final arrangement is completed.

Days	Cars (in order of their day of travel)	Cars (Descending order of distance travelled)
Sunday	A	F
Monday	E	D
Tuesday	B	C
Wednesday	F	A
Thursday	G	B
Friday	D	G
Saturday	C	E

**14) If the third highest distance run by a car is 80km, then which of the following cars have run more than 80 km?**

- a) G
- b) D
- c) A
- d) E

Correct Choice: b

**Explanation:**

In the given case, only Car D is the one that has run second highest distance, thus the distance must definitely be more than 80km.

Hence option B is correct.

**Final Arrangement:**



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Days	Cars (in order of their day of travel)	Cars (Descending order of distance travelled)
Sunday	A	F
Monday	E	D
Tuesday	B	C
Wednesday	F	A
Thursday	G	B
Friday	D	G
Saturday	C	E

### Common Explanation:

### Reference:

Seven cars from A to G of a tour & travel company travelled certain distances during seven days of a week starting from Sunday.

Only one car travelled on one particular day.

No two cars travelled same distance.

### Inference:

We will keep these hints in mind while solving the puzzle, specially the second hint.

### Reference:

- Car E travelled the lowest distance on Monday.
- Car D travelled a distance more than that of car B on Friday.
- <https://www.freshersnow.com/placement-papers-download/>
- Car C travelled immediately after Car D, which travelled the second highest distance.

## Wipro Elite NTH Reasoning Questions & Answers - Paper 3



### Inference:

With the given hints following table can be prepared.

We will make a mental note of information that Car D travelled a distance more than that of Car B.

Note- The descending order of distance travelled by each car is indifferent of the days.

Days	Cars (in order of their day of travel)	Cars (Descending order of distance travelled)
Sunday		
Monday	E	D
Tuesday		
Wednesday		
Thursday		
Friday	D	
Saturday	C	E

### Reference:

- Car B travelled before Car C, a distance more than only two cars.
- Car F travelled at a gap of two days from Car A, which travelled before Car F.
- Car G travelled immediately after Car F but travelled less than Car B.

### Inference:

The only way to satisfy the second hint is When car F travelled on Wednesday and accordingly car A travelled on Sunday.

## Wipro Elite NTH Reasoning Questions & Answers - Paper 3



Days	Cars (in order of their day of travel)	Cars (Descending order of distance travelled)
Sunday	A	
Monday	E	D
Tuesday	B	
Wednesday	F	
Thursday	G	B
Friday	D	G
Saturday	C	E

### Reference:

- Car C did not travel the highest distance.
- Car C travelled a distance more than Car A.

### Inference:

Days	Cars (in order of their day of travel)	Cars (Descending order of distance travelled)
Sunday	A	
Monday	E	D
Tuesday	B	C
Wednesday	F	A
Thursday	G	B
Friday	D	G
Saturday	C	E

## Wipro Elite NTH Reasoning Questions & Answers - Paper 3



So, the only left out place is filled by the only left car i.e. Car F.

Thus the final arrangement is completed.

<b>Days</b>	<b>Cars (in order of their day of travel)</b>	<b>Cars (Descending order of distance travelled)</b>
Sunday	A	F
Monday	E	D
Tuesday	B	C
Wednesday	F	A
Thursday	G	B
Friday	D	G
Saturday	C	E