

# ALL BRANCHES

GENERAL APTITUDE

Analytical Aptitude

Super 1500

Lecture No.- 01



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# Recap of Previous Lecture



Topic

Quantitative Aptitude

3

15





# Topics to be Covered



Topic

Analytical Aptitude

115

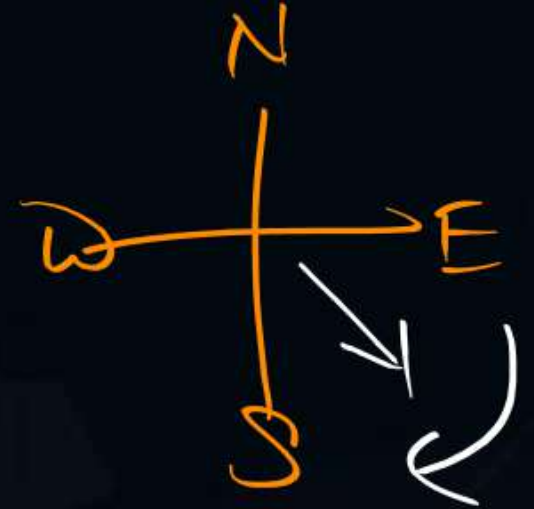


[MCQ]

[Marks 1]



#Q. In the evening, a person observed that his shadow was formed in front of him. If the person takes a  $45^\circ$  turn to his right, which direction will he face?



- A** North - East
- B** South - West
- C** South - East
- D** North - West

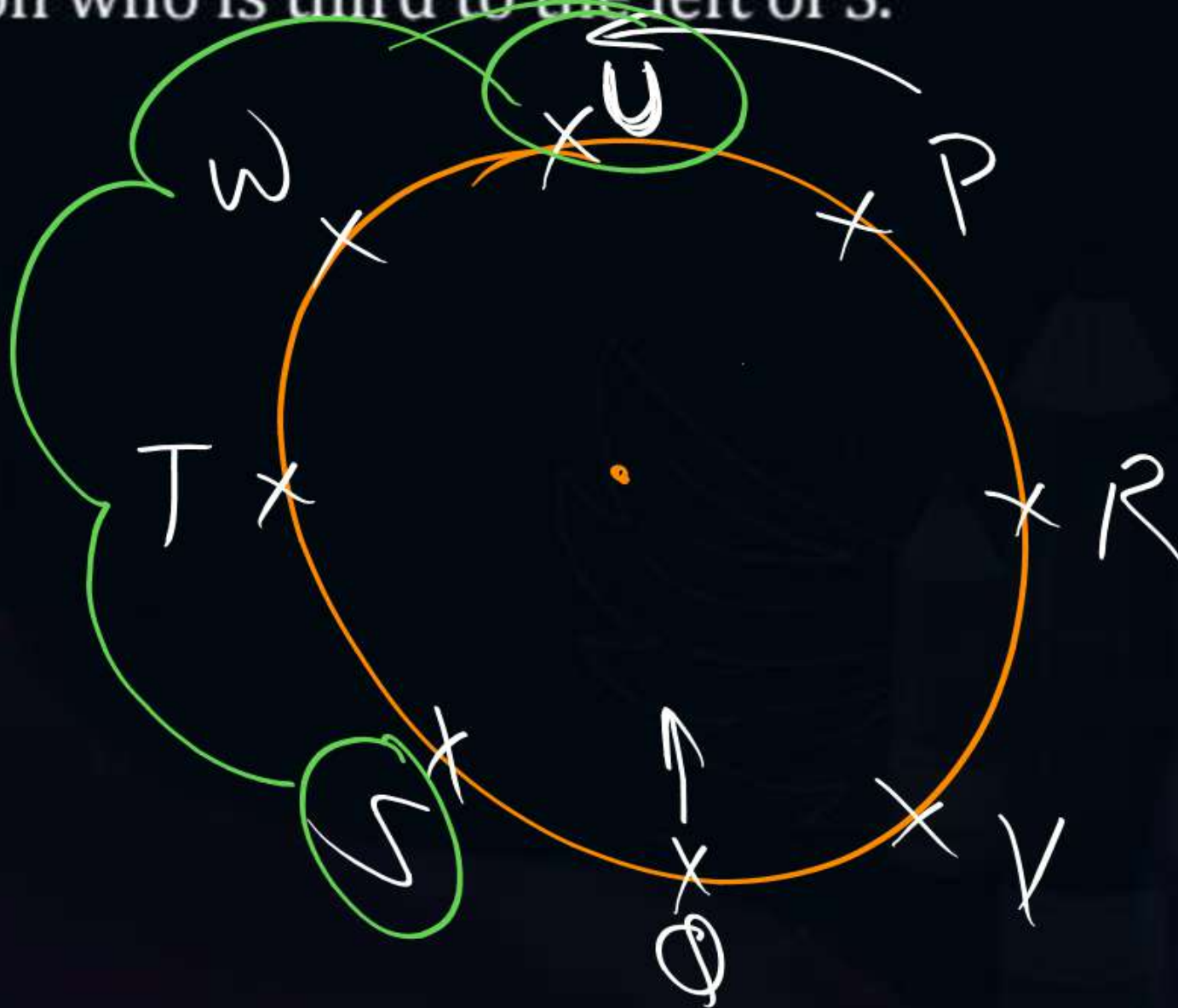


[MCQ]

[Mark 2]



#Q. Eight friends P, Q, R, S, T, U, V and W are sitting in a circle facing the centre. Q is sitting between V and S. W is third to the left of Q and second to the right of P. R is sitting between P and V. Q and T are not sitting opposite to each other. Find the person who is third to the left of S.



V/S Q S/V

**A**

P

**B**

U

**C**

T

**D**

Can't be determined



[MCQ]

P X R X B

D X Q

[Mark 2]



#Q. A team of five is to be selected from among five boys A, B, C, D and E & four girls P, Q, R and S. The criteria for selections are: A and S have to be together. P cannot be put with R. D and Q cannot go together. C and E have to be together. R cannot be put with B. Based on the given criteria, if two of the members have to be boys, the team will consist of?

A

CESPQ X

B

BDSRQ X

C

ABSPQ ✓

D

ADSQR X

AS  
CE

#Q. Among the three suspects P, Q and R, only one of them speaks the truth. Also any one of them has committed the crime. Read their statements and find who among them speaks truth.

P: I didn't do it.

Q: R did it.

R: Q is lying.

F

F

T

IP

A

P

C

Q

B

R

D

Data Insufficient



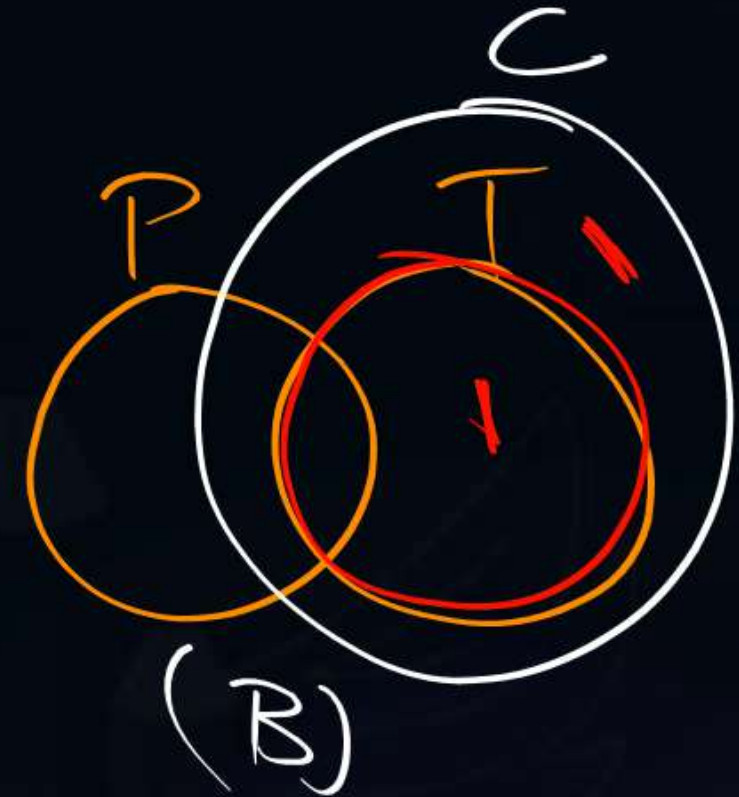
[MCQ]

[Marks 2]



#Q. Read the given two statements and find which of the conclusion can be logically inferred from it.

Some pastries are toffees. ✓  
All toffees are chocolates. ✓



A

No toffees are pastries ✗

B

Some toffees are not pastries ✗

C

All pastries are chocolates ✗

D

Some chocolates are toffees ✓



[MCQ]

[Mark 2]



#Q. A, B, C, D, E, F, G and H are eight friends, each with different heights. F is taller than A and D but shorter than H and B. E is taller than B and is second to the tallest. G is shorter than D but taller than A. H ranks fourth from the top according to height. Which of the following pairs of friends are pair of tallest and shortest?

**A** A B

**B** A C

**C** H F

**D** H G

H B  
F  
D  
G  
A

x C ✓  
x F  
x B  
x H  
x F  
x D  
x G  
x A ✓

[MCQ]

[Mark 2]



#Q. Shobha is the niece of Ashish. Ashish mother is Priya. Kamala is Priya's mother. Kamala's husband is Hari. Krishna is mother in law of Hari. How is Shobha related to Hari?

**A**

Daughter



**B**

Grand niece



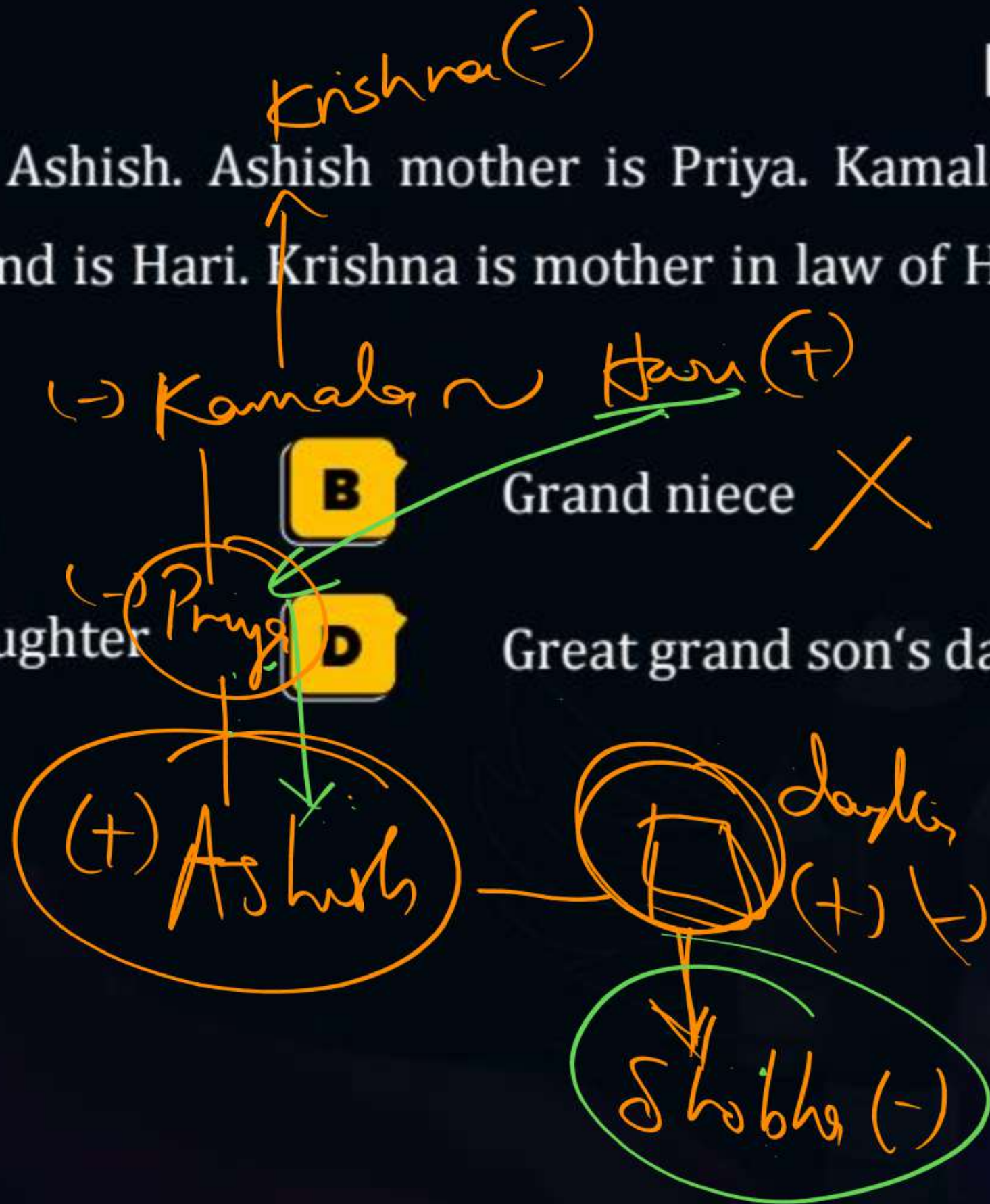
**C**

Daughter's grand daughter



**D**

Great grand son's daughter





[MCQ]

[Mark 1]



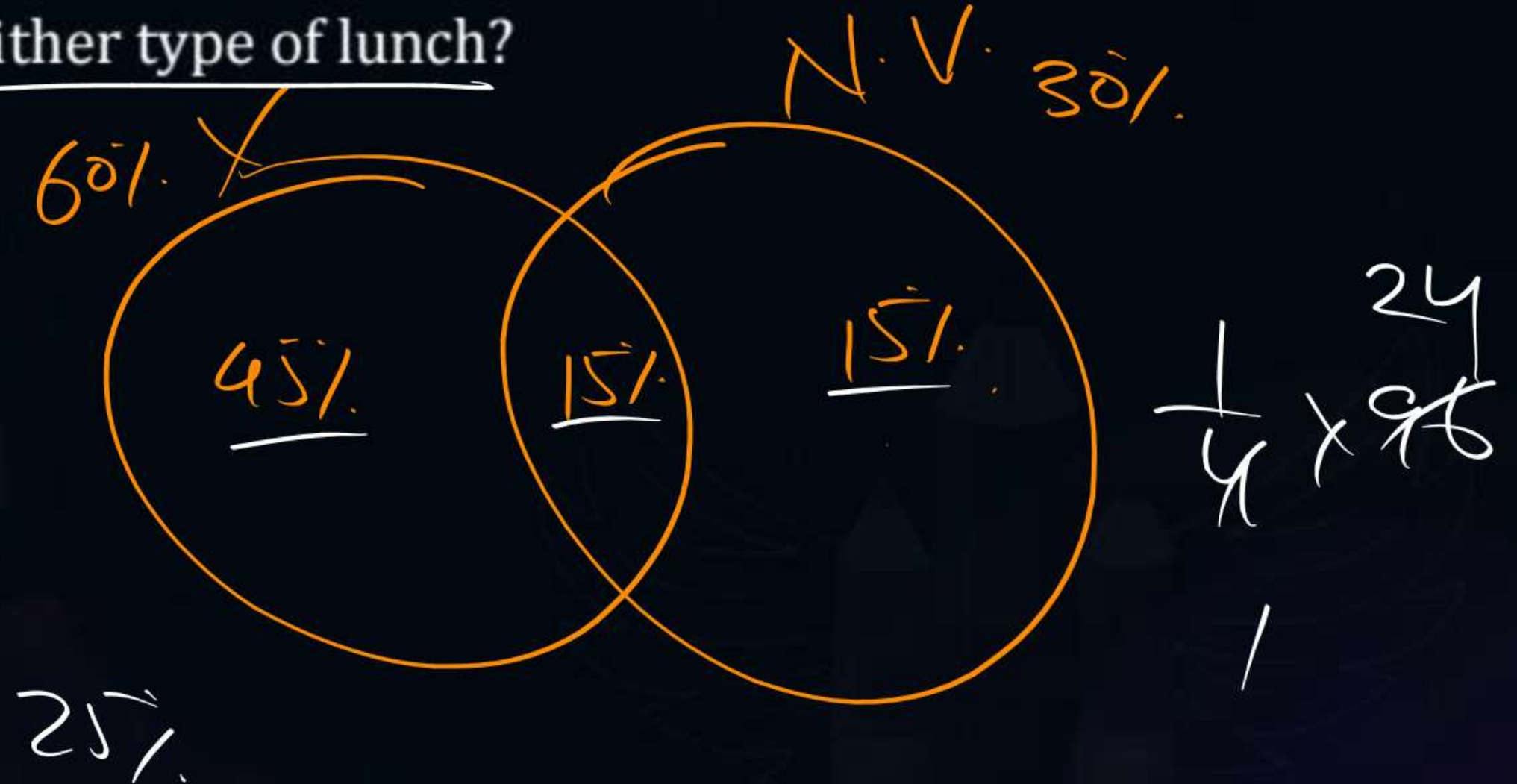
#Q. In a restaurant, 60% had vegetarian lunch while 30% had non-vegetarian lunch and 15% had both types of lunch. If 96 people were present, then how many did not eat either type of lunch?

**A** 20

**B** 28

**C** 26

**D** 24



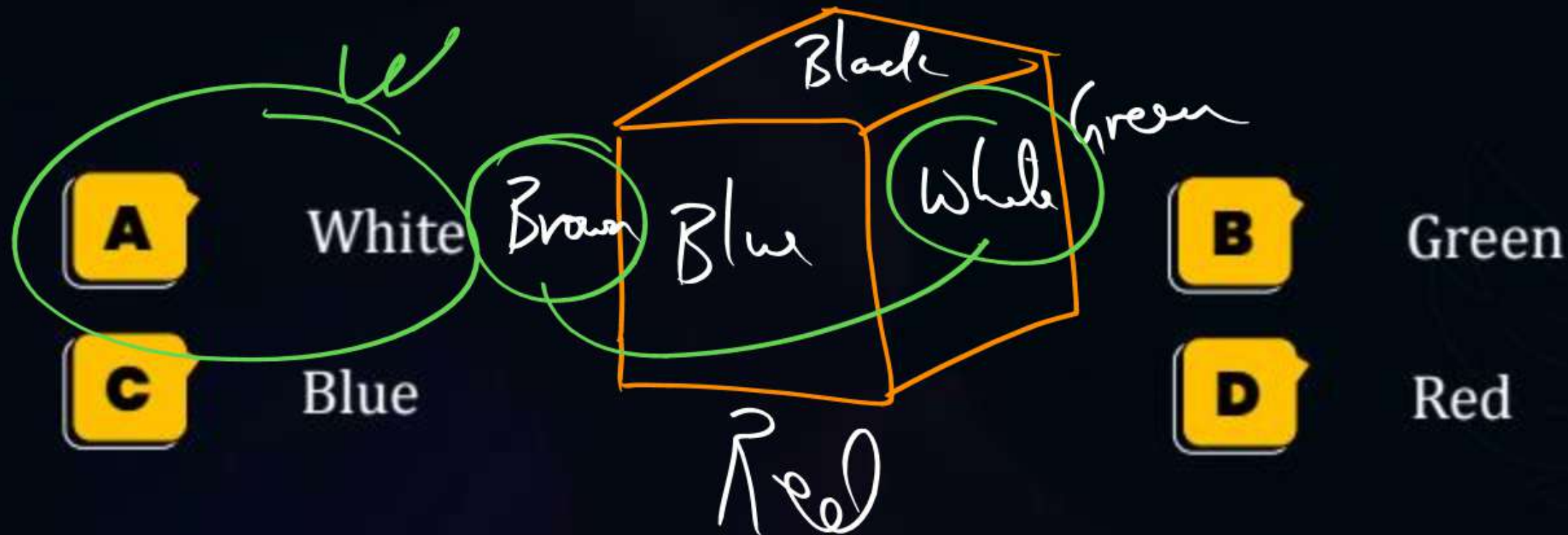
[MCQ]

[Marks 2]



#Q. All the six faces of a cube are coloured with six different colours - black, brown, green, red, white and blue. Red face is opposite to the black face. Green face is between red and black faces. Blue face is adjacent to white face. Brown face is adjacent to blue face. Red face is in the bottom.

Which face is opposite to Brown?





[MCQ]

[Marks 1]



#Q. Find the next term in the sequence:

9, 23, 50, 103, 208, ?

**A** 323

**C** 411

**B** 441

**D** 417

$$9 \times 2 + 5 = 23$$

$$23 \times 2 + 4 = 50$$

$$50 \times 2 + 3 = 103$$

$$103 \times 2 + 2 = 208$$

$$208 \times 2 + 1 = 417$$

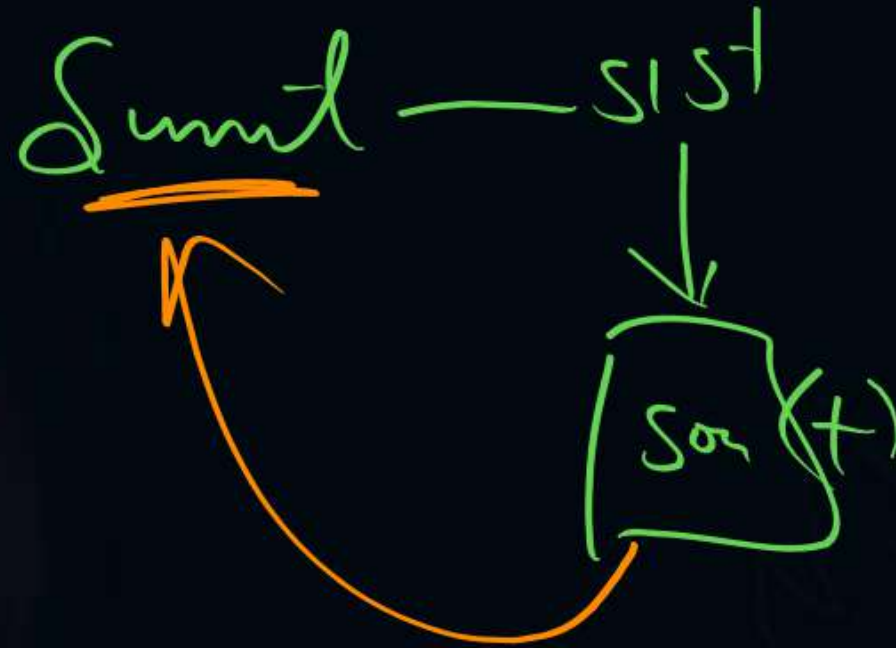
[MCQ]

[Marks 1]



#Q. Pointing to a photograph. Sumit said, "He is the son of the only daughter of the father of my brother." How Sumit is related to the man in the photograph?

my father



**A**

Nephew

**B**

Brother

**C**

Father

**D**

Maternal uncle



[MCQ]

[Mark 1]



#Q. At 4:15 in a clock, if the minute hand is showing in the south direction, then at 6 'o clock in which direction the hour hand will show?

**A**

North

**C**

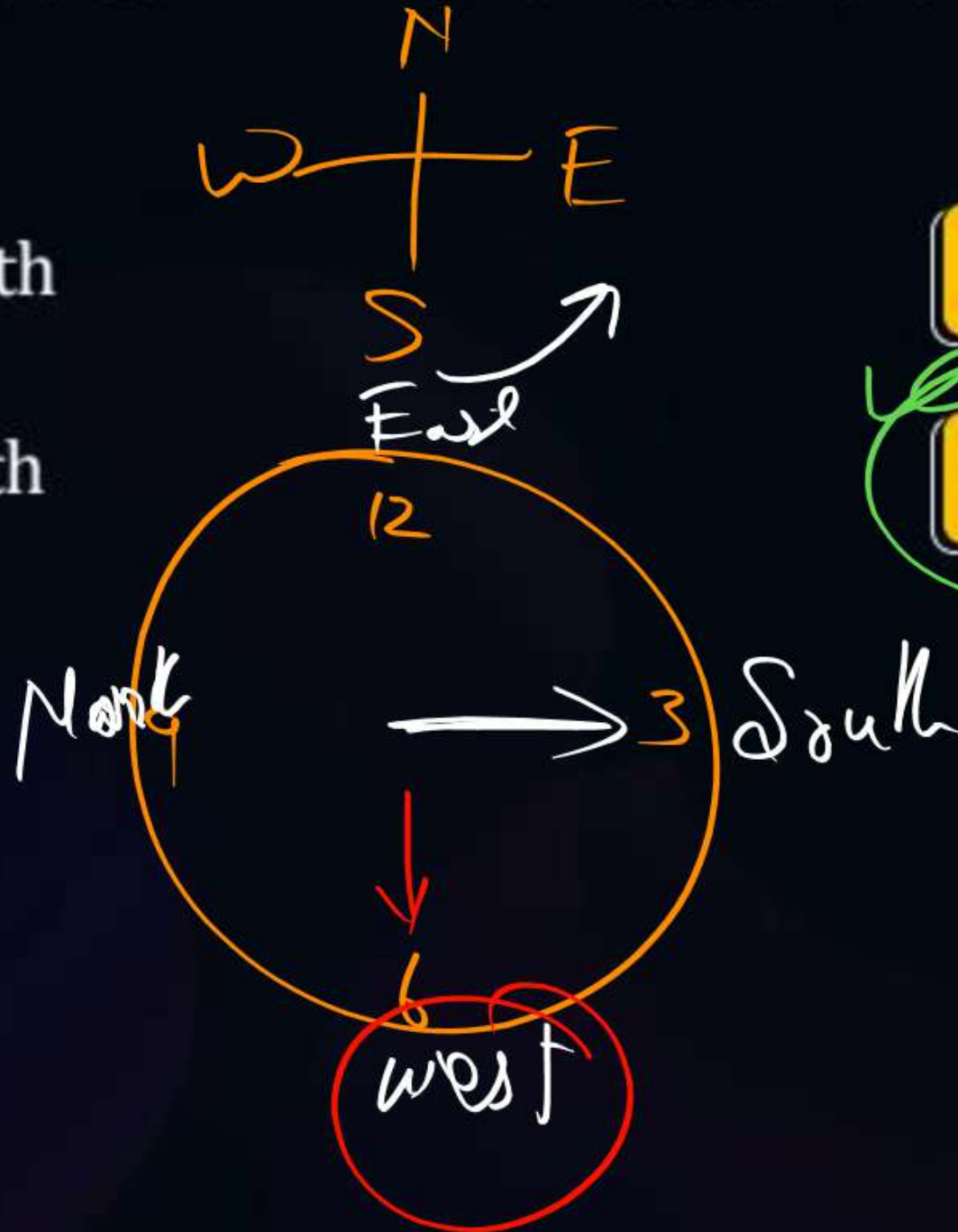
South

**B**

East

**D**

West



[MCQ]

$$198 + 174 = 372$$

[Mark 2]



#Q. The given table shows the data related to number of calories burned by two individuals (P and Q) on treadmill during five days. If the number of calories burned by P and Q increased by 10% and 20% respectively from Friday to Saturday, then what was the total number of calories burned by them together on Saturday?

	Monday	Tuesday	Wednesday	Thursday	Friday
P	50	185	90	160	180
Q	75	100	125	135	145

Sat

$$\begin{aligned} &\times 1.1 = 198 \\ &\times 1.2 = 174 \end{aligned}$$

**A**

378

**B**

384

**C**

372

**D**

368



[MCQ]

[Marks 1]



#Q. If in a certain coding language, DRIVER is coded as SFWJSE, VEHICLE is coded as FMDJIFW, then what would be the code of PETROL?

**A** LORTEP

**C** JIWFXT

**B** MPSUFQ

**D** MSYEXF

PETROL  
LORTEP  
MPSUFQ

DRIVER  
REYIRD  
SFWJSE

ELCIHEV

[MCQ]

[Marks 2]



#Q. Five plays A, B, C, D and E are performed from Monday to Friday (each a day) of a week, not necessarily in the same order. D and E are neither on Monday nor on Friday. C will be played just after E. B will be played just after D. There is one play between A and B. Which is the correct order of plays from Monday to Friday?

E  
C

D  
B

**A**

AECDB

**C**

DBECA

**B**

ADBEC

**D**

BDAEC

~~D/E~~

Mon A

Tue D

Wed B

Thurs E

Fri C

~~D/E~~





## 2 mins Summary



Topic

Analytical Aptitude

15



**THANK - YOU**