

ALL BRANCHES

GENERAL APTITUDE

Analytical Aptitude

Super 1500

Lecture No.- 02



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Recap of Previous Lecture



Topic

Analytical Aptitude



Topics to be Covered



Topic

Analytical Aptitude

15

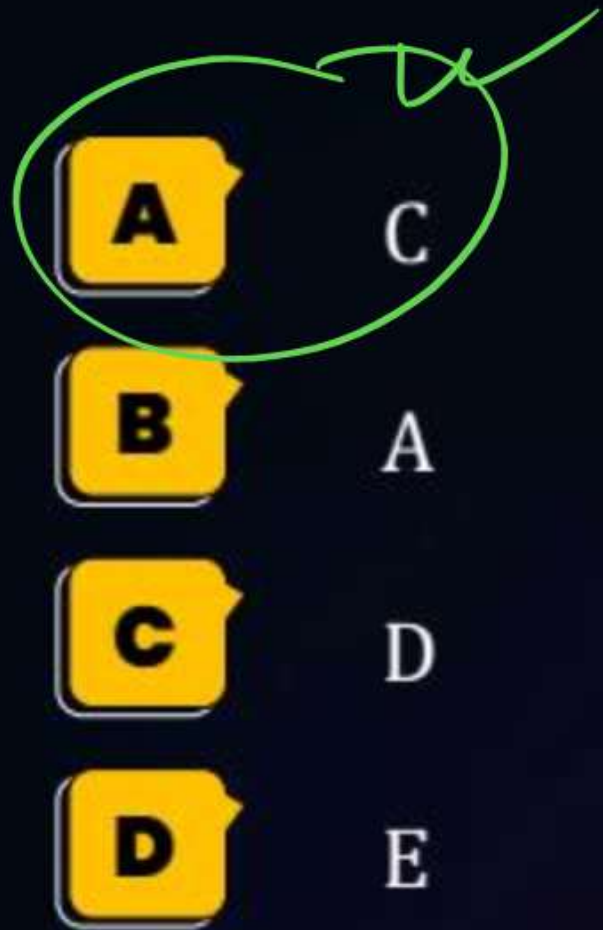


[MCQ]

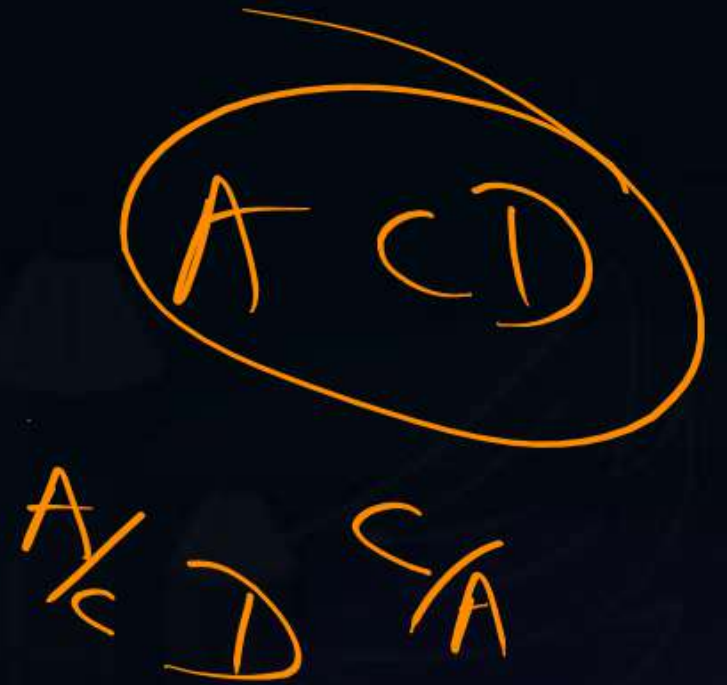
[Marks 1]



#Q. Five people are standing in a ticket booking line. A, C and D are standing together, D is between A and C. A is immediately behind B and E is immediately behind C. Who is standing second last in the line?

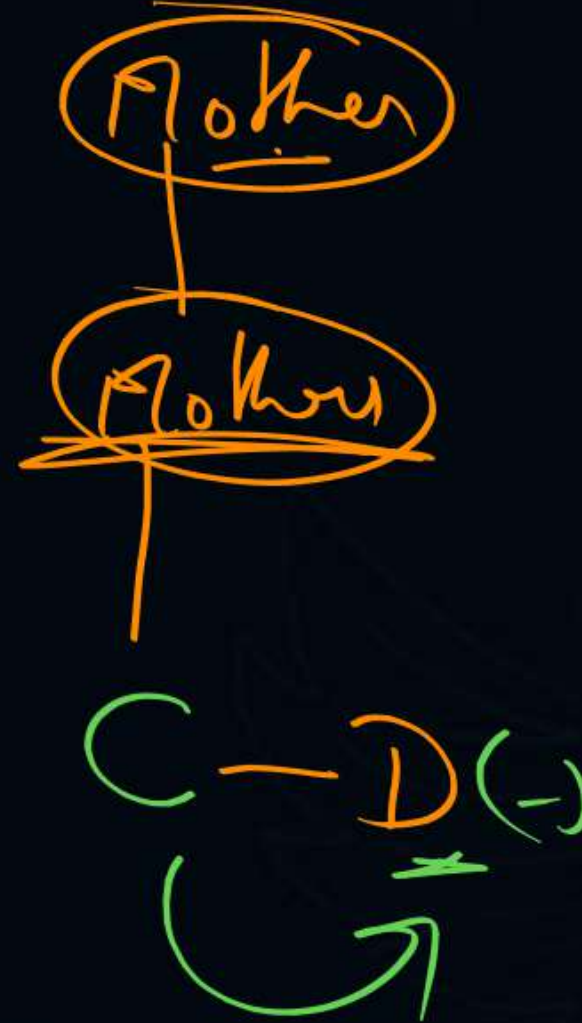


B C
A E



#Q. At a family gathering C explained her relation with D by saying that D is the grand daughter of C's mother's mother. If C's mother has no siblings, then how is D related to C?

- A** Daughter
- B** Wife
- C** Sister
- D** Mother



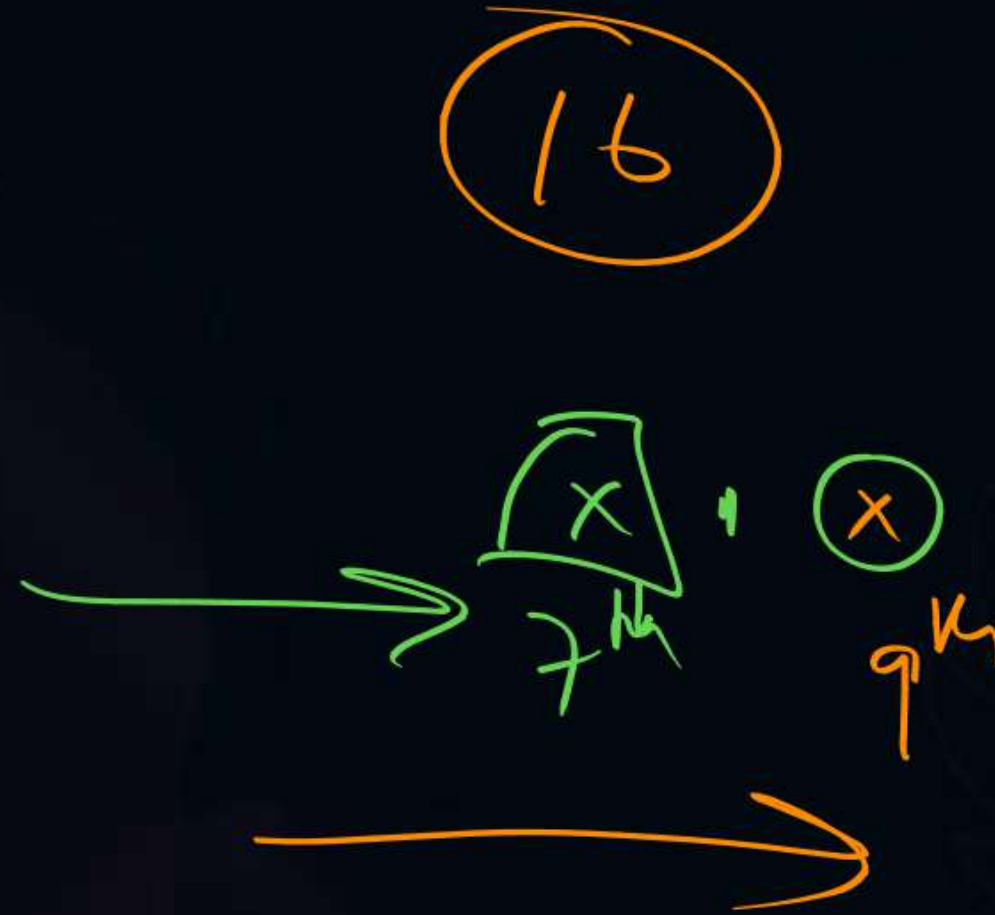
[MCQ]

[Mark 1]



#Q. In a row of 16 boys, when Praveen was shifted by two places towards the left, he became 7th from the left end. What was his earlier position from right end?

- A** 10th
- B** 9th
- C** 8th
- D** 7th



$$\begin{array}{r} 16 \\ - 9 \\ + 1 \\ \hline 8^{\text{th}} \end{array}$$

[MCQ]

[Mark 1]



#Q. In the following question, select the missing number from the given alternatives.

35, 39, 48, 64, 89, ?
+4 +9 +16 +25

$$\begin{array}{r} 89 \\ + 36 \\ \hline 125 \end{array}$$

A 169

C 125

B 134

D 120

[MCQ]

[Marks 1]



#Q. A group of 50 students appeared for the two examinations one in Maths and the other in Aptitude. 38 students passed in Maths and 37 in Aptitude. If 30 students passed in both subjects, determine how many students failed in both the subjects?

A

5

B

4

C

3

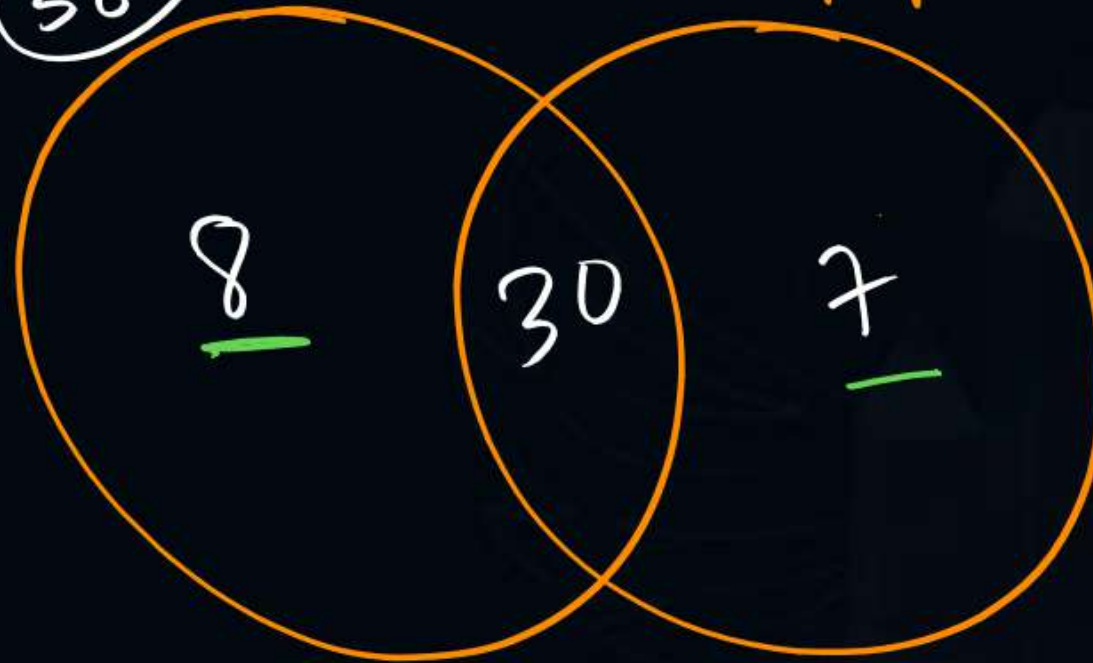
D

2

45

38 Maths

Aptitude 37



20

5

[MCQ]

[Mark 2]



#Q. Find the wrong term in the given series: 3, 5, 10, 12, 24, 26, 48, 54

Handwritten green annotations above the series: wavy lines under 3, 5, 10, 12, 24, 26, and a bracket under 48 and 54 with '52' written below it.

Handwritten green sequence of operations: $+2, \times 2, +2, \times 2, +2, \times 2$

A

12

B

24

C

26

D

48



#Q. Shobha's rank is tenth from the top in her class. Priti, who is 15th from the end is lower in rank than Shobha by ten. How ^{many} students are there in Shobha's class.

A 32

C 31

B 35

D 34

↓
Shobha 10th
9

↑ Priti
15th

$$\begin{aligned} 10 + 9 + 15 \\ = 19 + 15 \\ = 34 \end{aligned}$$

[MCQ]

[Mark 2]



#Q. Pointing towards a photograph of a girl, Lokesh said, "She has no sisters or daughters but her mother is the only daughter of my mother". How is the girl in the photograph related to Lokesh's mother? *only sist*

- A** Grand daughter
- B** Daughter
- C** Sister
- D** Data Insufficient



[MCQ]

[Marks 2]



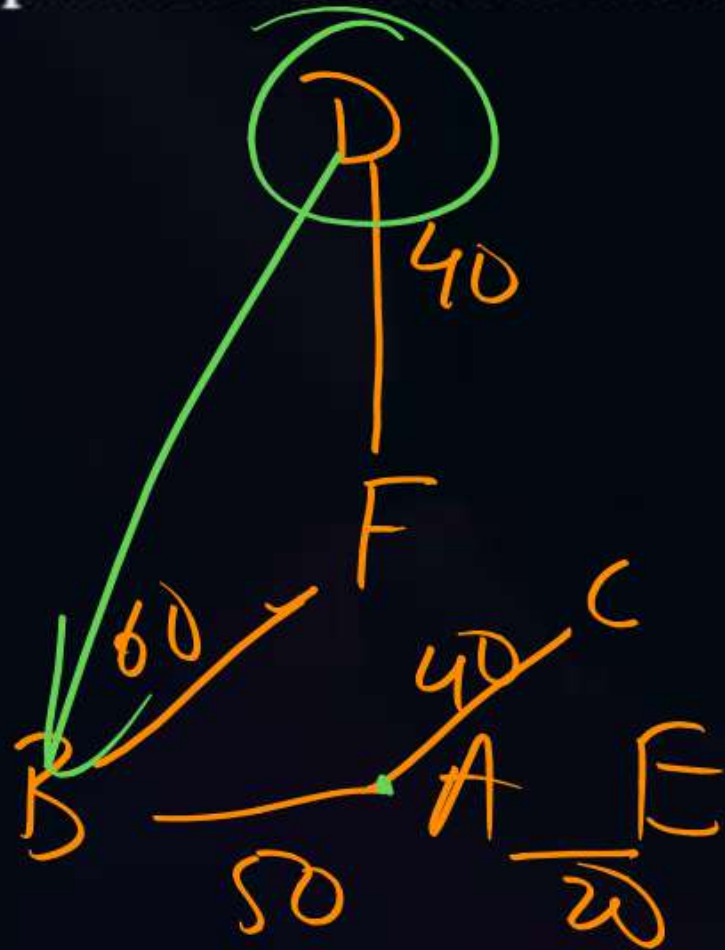
#Q. There are six cities A, B, C, D, E and F. D is 40 kms to the North of F, which is 60 kms to the North-East of B. A is 20 kms west of E and 40 kms to the South-West of C. B, A and E are in straight line in the same order. B and E are 70 kms apart from each other. Which city is farthest to the South-West of D?

A E

C B

B D

D C



#Q. The result of a class was declared. The boy X stood 5th in the class. The girl Y was 8th from the last. The position of the boy Z was 6th after X and in the middle of X and Y. Work out total number of the students in the class?

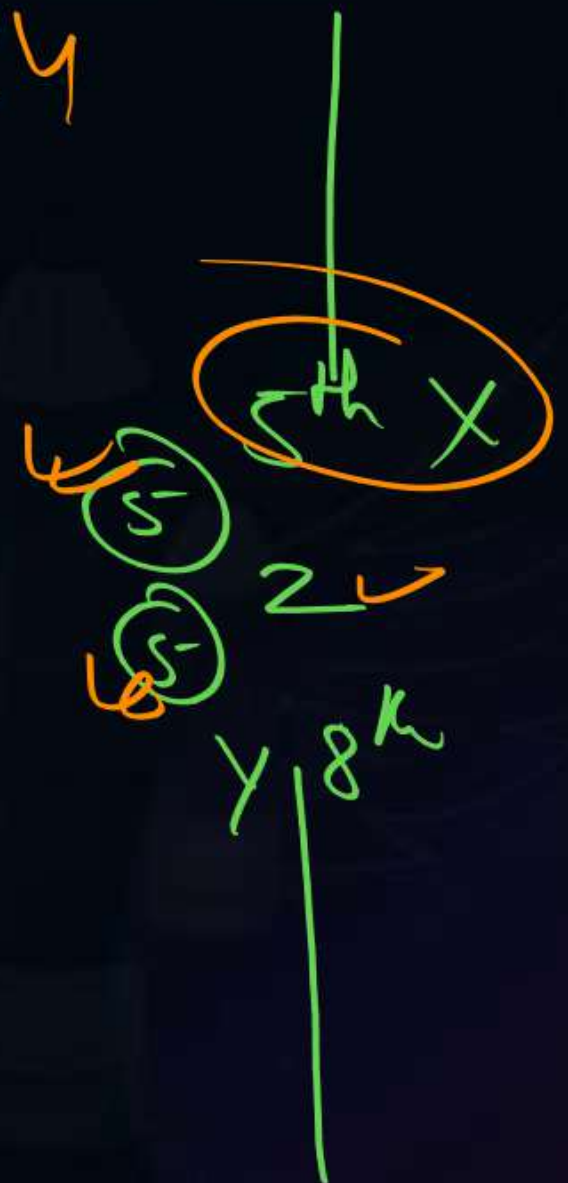
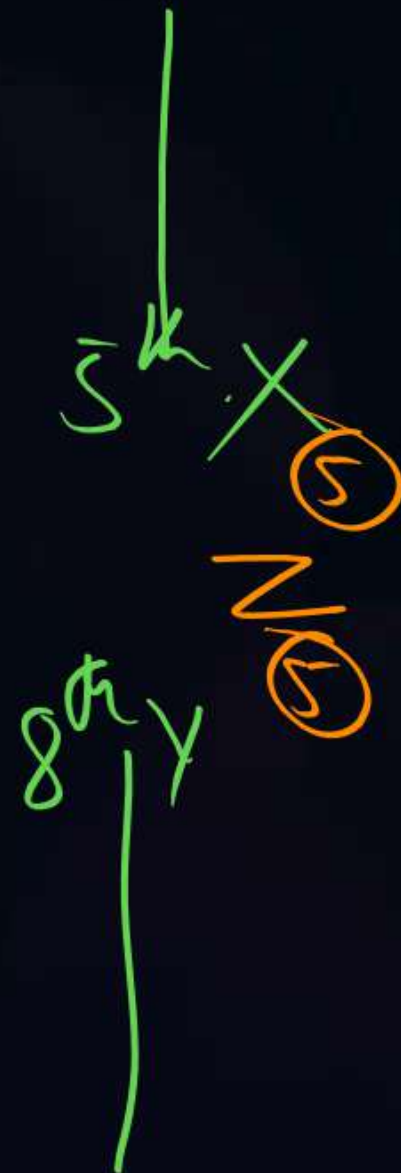
A 23

C 25

$$5 + 5 + \boxed{1} + 5 + \underline{8} = 24$$

B 29

D 24



[MCQ]

[Marks 1]



#Q. In a certain code language, ^{Code} '+' represents '-', ^{Original} '-' represents 'x', 'x' represents '÷' and '÷' represents '+'. Find out the answer to the following question.

$$96 \times 4 \div 125 + 25 - 5 = ?$$

- A** 23
- B** 24
- C** 150
- D** 620

$$96 \times 4 \div 125 + 25 - 5$$

$$\underline{96 \div 4} + 125 - \underline{25 \times 5}$$

$$24 + \cancel{125} - \cancel{125} = \underline{24}$$

[MCQ]

$$22 = 100$$

$$a+b+c=?$$

[Mark 2]



#Q. Among 500 women interviewed who watch at least one of the three TV channels namely Star Plus, Zee TV and Colors. 232 watch Star Plus, 254 watch Colors, while 214 watch Zee TV. If 100 watch exactly two channels, then how many women watch exactly one channel?

A 350

C 150

B 40

D 60

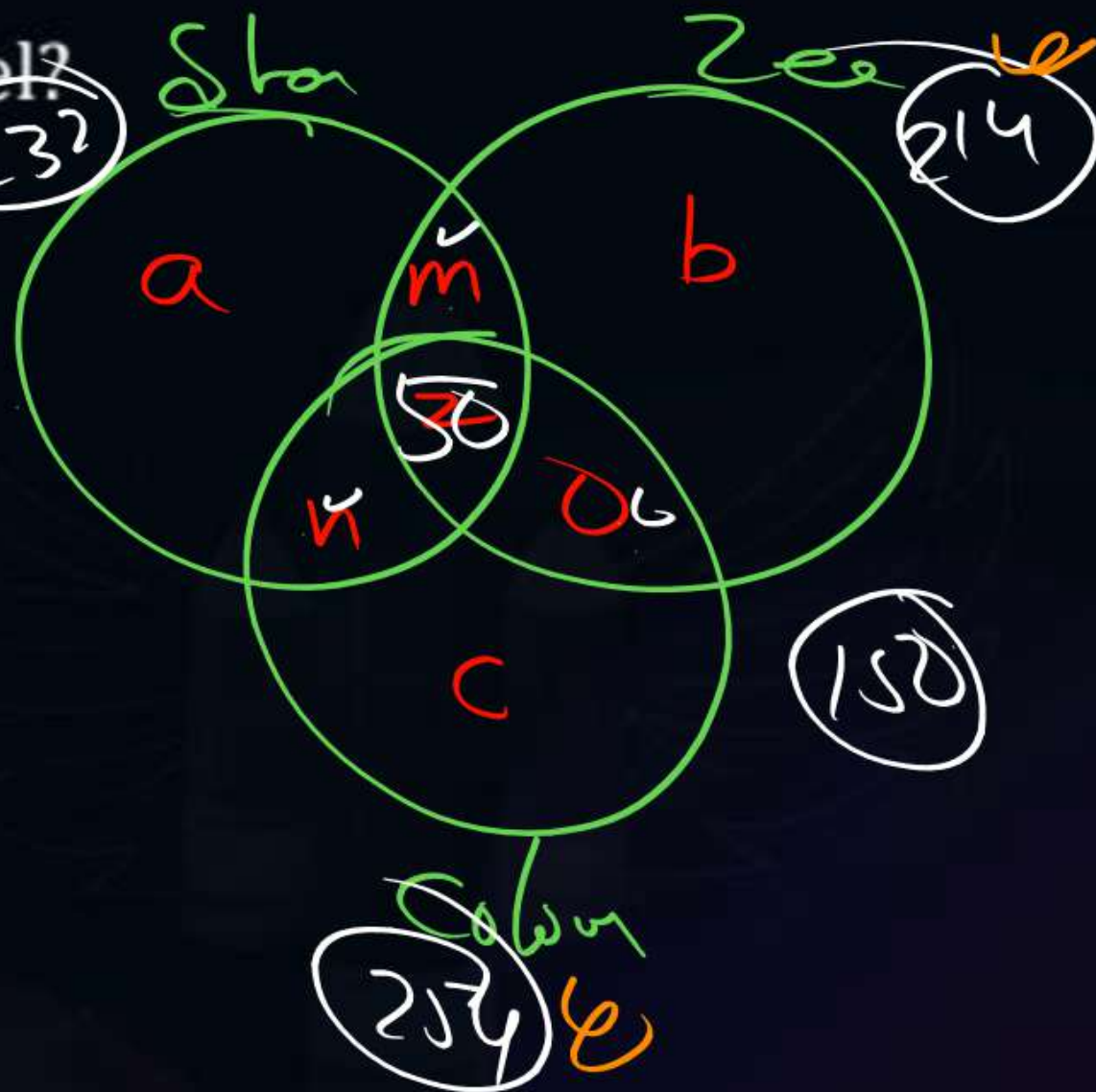
$$a+b+c+m+n+o+z=500$$

$$a+b+c+2(m+n+o)$$

$$+32=700$$

$$a+b+c+32=500$$

$$a+b+c+z=400$$



[MCQ]

$$A = \frac{210}{350} \times 100 = 60\%$$

$$B = \frac{225}{375} \times 100 = 60\%$$



#Q. From the below table, which shows the marks scored by two students A and B in different subjects, what is the difference in the aggregate percentage marks they got?

Subjects	Student A	Maximum Marks	Student B	Maximum Marks
English	60	100	80	150
Psychology	70	100	70	100
History	50	100	60	100
Sanskrit	30	50	15	25

A

2.5%

C

3.75%

B

1.25%

D

0%

#Q. A cube has all its faces painted with different colours. It is cut into smaller cubes of equal sizes such that the side of the small cube is one fourth the side of big cube. How many small cube with only one face painted are

A

there?

32

C

16

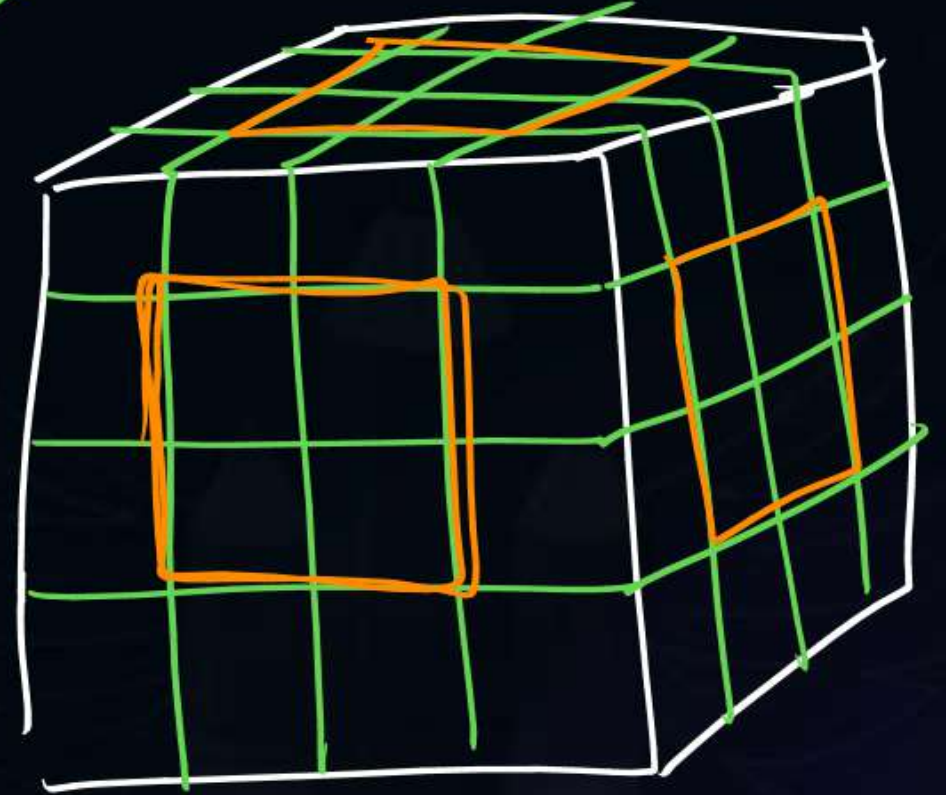
B

24

D

8

$$6 \times 4 = 24$$



[MCQ]

[Marks 2]



#Q. A dice is numbered from 1 to 6 in different ways. If 1 is adjacent to 2, 3 and 5, then which of the following statements is necessarily true?

4 / 6

A

1 is adjacent to 4

~~X~~

~~X~~ **B**

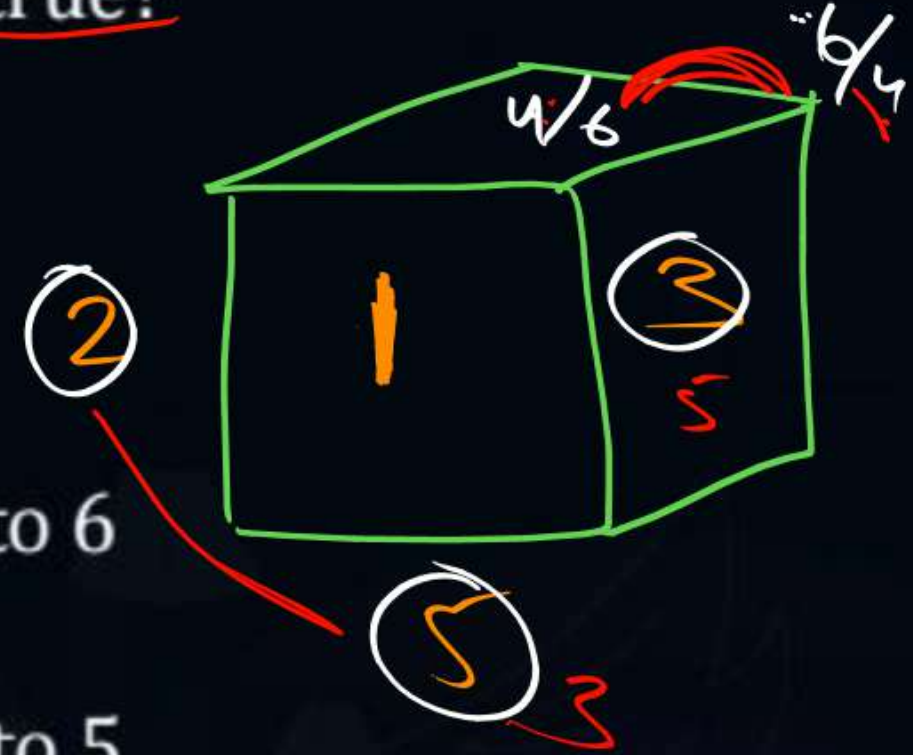
1 is adjacent to 6

~~X~~ **D**

2 is adjacent to 5

C

4 is adjacent to 6





2 mins Summary



Topic

Analytical Aptitude

Q.15



THANK - YOU