

DAY 53

MCA CET 2025

REASONING

**DATA
SUFFICIENCY**



**INEXORABLE
MAH MCA CET 2025
FREE CRASH COURSE**



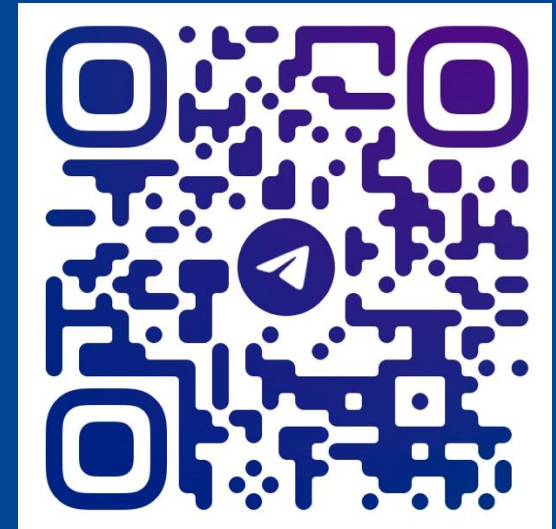
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*Mock TEST
SERIES
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499*



SUBS



FOR MAH MCA CET 2025



Data Sufficiency

Q. _____

Answer
Statement → ①
 → ②

We need to find the statement(s) which can help us to derive the answer for the question asked.



Data Sufficiency

- Determine the minimum extra information required to solve the question.
- Do not take any information for granted apart from the question and statements provided.



Questions can be based on

- Alphabets
- Coding Decoding
- Days & Calendar
- Seating Arrangement
- Relationships
- Ages
- Direction Sense
- Distance
- Miscellaneous



Options to be chosen from –

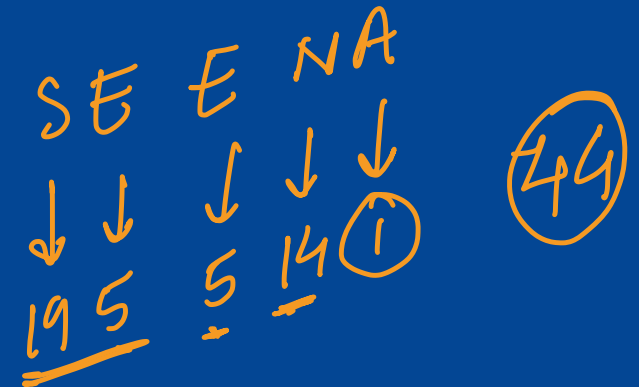
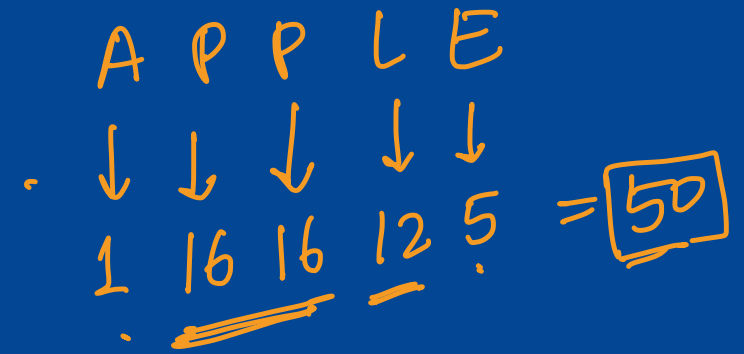
- (A) If data in statement I is alone sufficient to answer the question, while the data in statement II is not sufficient to answer the question.
- (B) If data in statement II is alone sufficient to answer the question, while the data in statement I is not sufficient to answer the question.
- (C) If the data in either statement I or II is sufficient to answer the question.
- (D) If the data in neither statement I or II is sufficient to answer the question.
- (E) If the data in both statement I and II are necessary to answer the question.



Question: What is the code for school? If

- I. Apple is written as 50
- II. 44 is coded as SEENA

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Error



Question: Who amongst A, Q, R, S and T is the tallest?

I. S is not the tallest. R is taller than A.

II. T is not the tallest. A is taller than Q.



$$\underline{\underline{R > A > Q}}$$

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Question: In which month of the year did Raman go for a football match?

I. Aman correctly remembers that Raman went for a football match in the first half of the year.

Jan - June

II. Aman's brother correctly remembers that Raman went for a football match after 31st March but before 1st May.



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Question: How much marks has Sujit scored in the test?

I. Sujit scored two-digit marks. His marks is less than or equal to 20.

II. Sujit scored more than 9 marks in the test.

?

$$10 \leq x \leq 20$$

$$x > 9$$

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Question: Which of the following five countries A, C, E, G and J is the biggest?

I. A is smaller than C. J is not the smallest.

II. E is smaller than A. G is not the biggest.

- (A) If data in statement I is alone sufficient to answer the question, while the data in statement II is not sufficient to answer the question.
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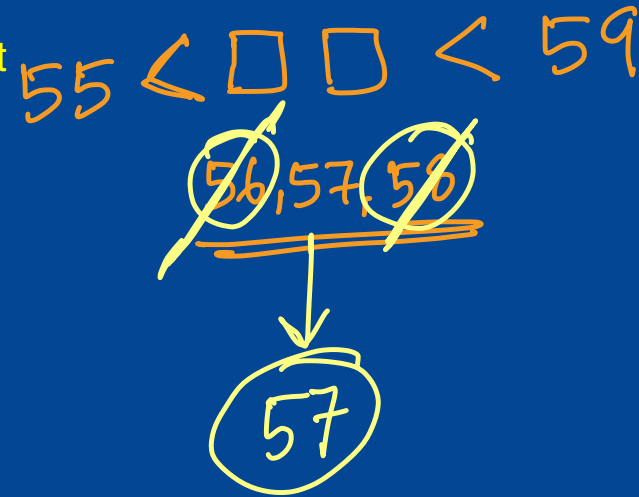


Question: How many runs Umesh has scored in the cricket match?

I. Umesh scored two-digit runs. His runs were more than 55.

II. Umesh scored less than 59 runs, but runs were not an even number.

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Question: Who among the following persons P, Q, R, S and T got the highest marks?

I. P got second highest marks. Q got more marks than R and T but didn't get the highest marks.

II. Only two persons got more marks than P. I got more marks than P but less marks than S.

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$$\frac{S}{\times T} > P > Q > \frac{R}{Q} > \frac{\quad}{R}$$

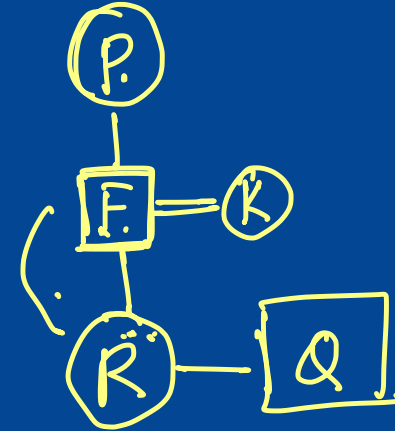
$$\frac{S}{\quad} > \frac{\times}{\quad} > \frac{P}{\quad} > \frac{\quad}{\quad} > \frac{\quad}{\quad}$$



Question: How R is related to F?

- I. P is paternal grandmother of R who is sister of Q.
- II. K is wife of F, Q is son of K. F is only child of P.

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What is the code for the word 'mind' in the given code language, if 'positive mind and soul' is coded as 'a1 b2 c3 d4'?

I. In that code language 'negative thinking mind' is coded as 'e5 f6 b2'.

II. In that code language 'mind and body' is coded as 'c3 b2 g7'.

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$$\text{mind} = \underline{\underline{b2}}$$



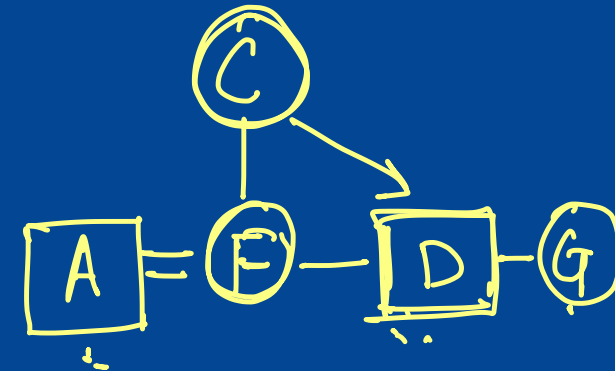
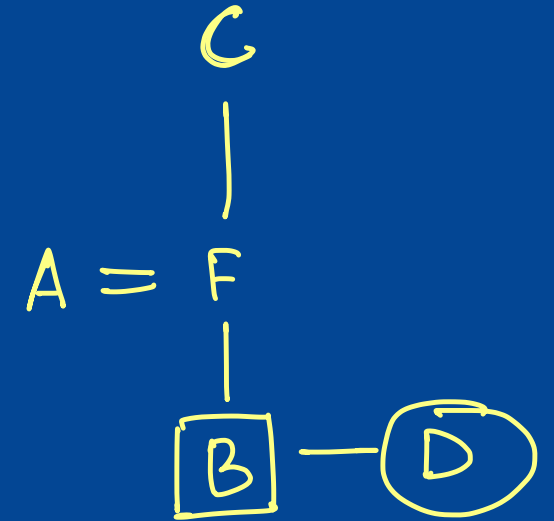
How many male members are there in the family of five members, where A is the spouse of F and A has no siblings?

Statements:

I. B is the son of F. B is brother of D who is granddaughter of C.

II. D is the brother-in-law of A. D is only son of C who is the mother-in-law of A. G is the child of C.

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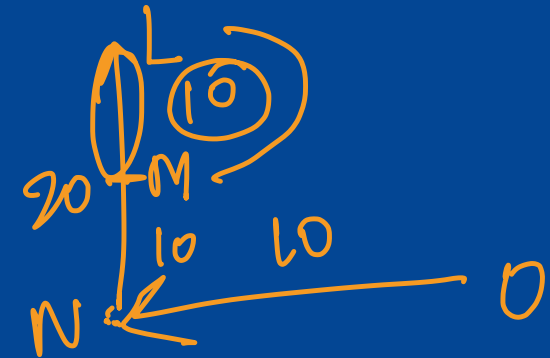
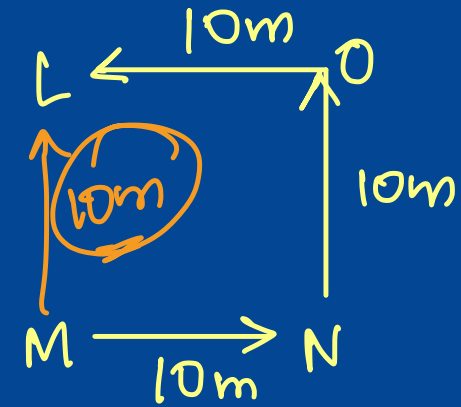
What is the shortest distance between L and M?

Statements:

I. L is 10m west of O. O is 10m north of N. N is 10m east of M.

II. N is 10m west of O. L is 20m north of N. M is 10m north of N.

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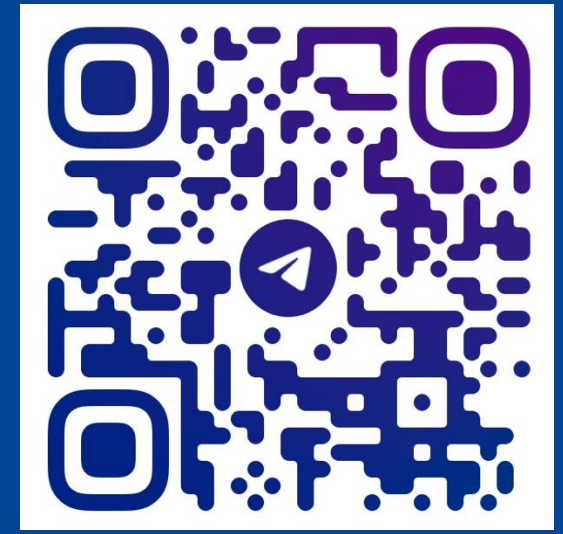
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