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# DATA SUFFICIENCY

- KOUSTAV



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**1. Question:** In which year was Rahul born?

**Statements:**

I. Rahul at present is 25 years younger to his mother.

II. Rahul's brother, who was born in 1964, is 35 years younger to his mother.

$$R = M - 25$$

$$B = M - 35$$

- (A) Statement I alone is sufficient to answer the question, while statement II alone is not.
- (B) Statement II alone is sufficient to answer the question, while statement I alone is not.
- (C) If either statement I alone or statement II alone is sufficient to answer the question
- (D) If both the statements together are NOT sufficient to answer the question
- ✓ (E) If both the statements together are necessary to answer the question.

2. **Question:** What will be the total weight of 10 poles, each of the same weight?

**Statements:**

I. One-fourth of the weight of each pole is 5 kg.

II. The total weight of three poles is 20 kilograms more than the total weight of two poles.

$$\frac{1}{4}P = 5 \Rightarrow P = 20$$

$$3P = 2P + 20$$

$$P = 20$$

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**3. Question:** How many children does M have?

**Statements:**

I. H is the only daughter of X who is the wife of M.

~~II.~~ K and J are brothers of M.

*No data about Sons*

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**4. Question:** How much was the total sale of the company?

**Statements:**

I. The company sold 8000 units of product A each costing Rs. 25.

II. This company has no other product line.

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**5. Question:** The last Sunday of March, 2006 fell on which date?

**Statements:**

- ✓ I. The first Sunday of that month fell on 5th.
- ✓ II. The last day of that month was Friday.

5 → 12 → 19 → 26

31 → Fri

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**6. Question:** What is the code for 'sky' in the code language?

**Statements:**

I. In the code language, 'sky is clear' is written as 'de ra fa'.

II. In the same code language, 'make it clear' is written as 'de ga jo'.

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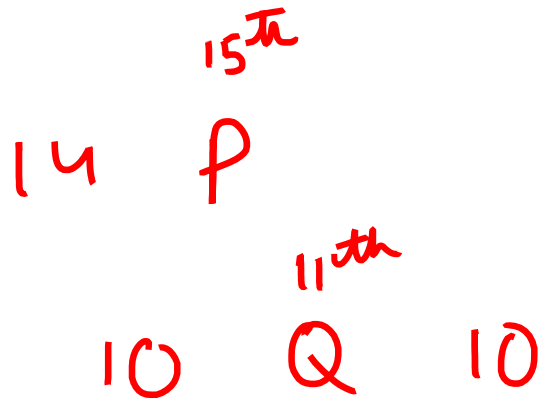
(E) If both the statements together are necessary to answer the question.

**7. Question:** How many children are there between P and Q in a row of children?

**Statements:**

I. P is fifteenth from the left in the row.

II. Q is exactly in the middle and there are ten children towards his right.



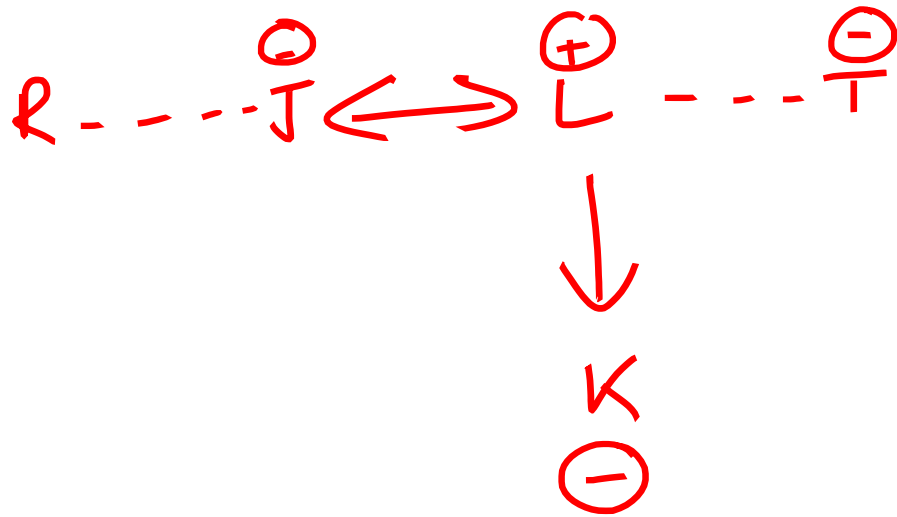
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8. **Question:** How is T related to K?

**Statements:**

- I. R's sister J has married T's brother L, who is the only son of his parents.
- II. K is the only daughter of L and J.



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9. **Question:** How is J related to P?

**Statements:**

I. M is brother of P and T is sister of P.

II. P's mother is married to J's husband who has one son and two daughters.

⊖ J  
↓  
P

(A) Statement I alone is sufficient to answer the question, while statement II alone is not.

✓ ~~(B)~~ Statement II alone is sufficient to answer the question, while statement I alone is not.

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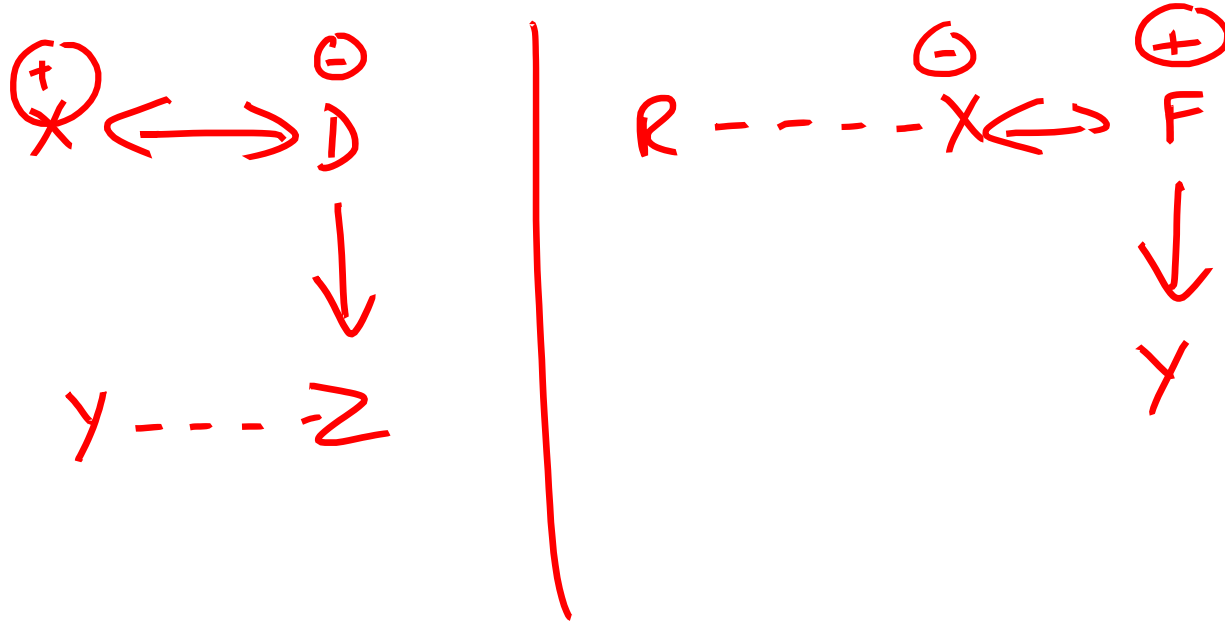
(E) If both the statements together are necessary to answer the question.

10. **Question:** How is X related to Y?

**Statements:**

✓ I. Y and Z are children of D who is wife of X.

✓ II. R's sister X is married to Y's father.



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## ANSWER KEY – DATA SUFFICIENCY

QUESTION	ANSWER
1	E
2	C
3	D
4	E
5	C
6	D
7	E
8	E
9	B
10	C