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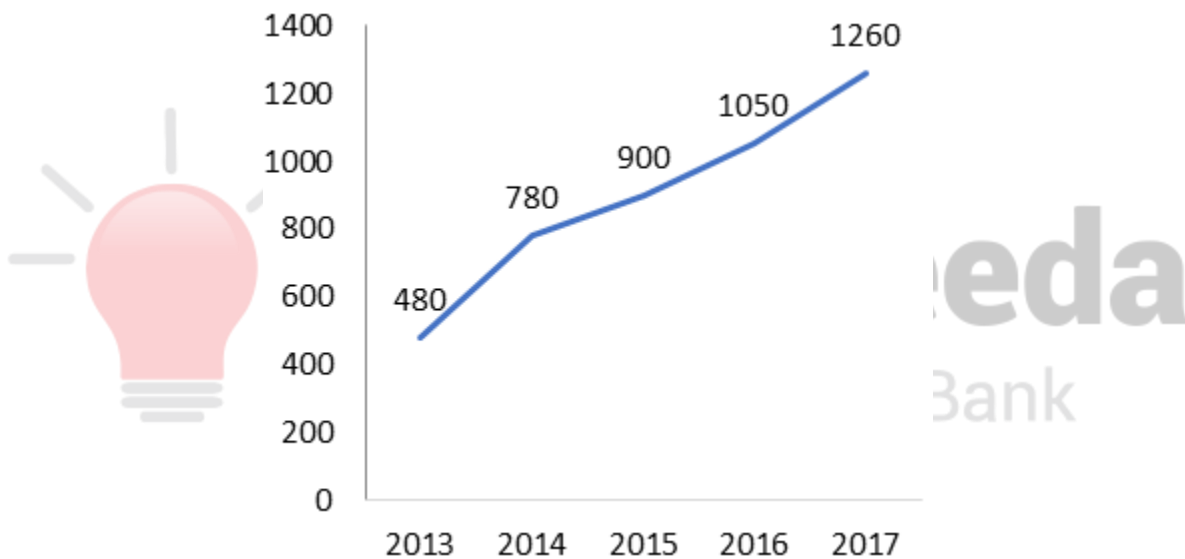
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DI Mixed chart exercise for IBPS PO Pre, IBPS Clerk, SBI PO Pre and SBI Clerk

DI MIXED CHART EXERCISE NO 37

Directions: Study the following line and table chart carefully and answer the questions given beside.

The line graph given below gives the information about the total sum of taxes (In Rs. thousand crores) collected by GOI during the five consecutive years. The table given below gives the information about the ratio between Income tax, Corporate Tax, and other taxes collected during the respective year.



Total tax = Income tax + Corporate tax + Other tax

Tax → Year ↓	Income Tax	Corporate Tax	Other Tax
2013	3	5	4
2014	4	3	6
2015	5	4	6
2016	2	1	4
2017	2	3	4

1. What was the total sum of corporate tax collected (in Rs. thousand crore) in the year 2013, 2015, and 2017 together?

- A. 840 B. 780 C. 880
D. 860 E. None of these

2. The total Income tax collected during the five years together was how much more than that the total Corporate tax collected during the five years together?

- A. Rs. 50 thousand crores B. Rs. 75 thousand crores
C. Rs. 80 thousand crores D. Rs. 60 thousand crores
E. None of these

3. What is the ratio of the total corporate tax collected in the year 2015 to the total Income tax collected in the year 2017?

- A. 5 : 7 B. 2 : 3 C. 6 : 7
D. 8 : 9 E. None of these

4. The total amount of other tax collected in the five years together was how much more than the Income tax collected in the five years together?

- A. Rs. 800 thousand crores B. Rs. 900 thousand crores
C. Rs. 600 thousand crores D. Rs. 1200 thousand crores
E. None of these

5. How much percentage increase in total Income tax collection was observed in the year 2016 over the year 2013?

- A. 250% B. 150% C. 75%
D. 200% E. None of these

Correct answers:

1	2	3	4	5
D	A	C	A	B

Explanations:

(1). Let us make a fresh table

Tax → Year ↓	Income Tax	Corporate Tax	Other Tax
2013	$(3/12) \times 480 = 120$	$(5/12) \times 480 = 200$	$(4/12) \times 480 = 160$
2014	$(4/13) \times 780 = 240$	$(3/13) \times 780 = 180$	$(6/13) \times 780 = 360$
2015	$(5/15) \times 900 = 300$	$(4/15) \times 900 = 240$	$(6/15) \times 900 = 360$
2016	$(2/7) \times 1050 = 300$	$(1/7) \times 1050 = 150$	$(4/7) \times 1050 = 600$
2017	$(2/9) \times 1260 = 280$	$(3/9) \times 1260 = 420$	$(4/9) \times 1260 = 560$
Sum	1240	1190	2040

The required sum = $200 + 240 + 420 = 860$ thousand crores
Hence, option D is correct.

(2). The required difference = $1240 - 1190 = \text{Rs. } 50$ thousand crores
Hence, option A is correct.

(3). The total corporate tax collected in the year 2015 = 240 thousand crores
the total Income tax collected in the year 2017 = 280 thousand crores
The required ratio = $240 : 280 = 6 : 7$
Hence, option C is correct.

(4). The total amount of other tax collected in the given years together = 2040 thousand crores

The total amount of Income tax collected in the given years together = 1240 thousand crores

The required difference = $2040 - 1240 = \text{Rs. } 800$ thousand crores
Hence, option A is correct.

- (5).** Total Income tax collection in the year 2016 = 300 thousand crores.
in total Income tax collection in the year 2013 = 120 thousand crores.
the required percentage increase

$$= \frac{(300 - 120) \times 100}{120} = \frac{180 \times 100}{120} = 150\%$$

Hence, option B is correct.



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