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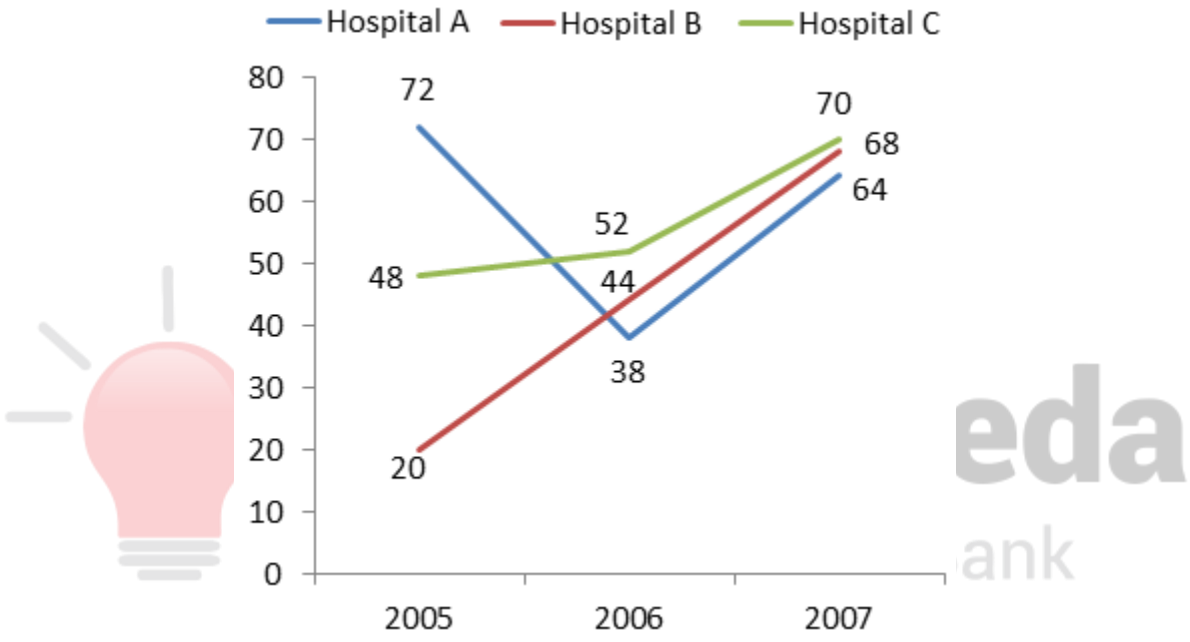
DI Line Chart Questions for SBI Clerk Pre, IBPS Clerk Pre, LIC Assistant Pre and IBPS RRB Assistant Pre Exams.

DI Line Chart No 41

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

Given here is a line graph that provides information about number of doctors in different hospital during different years.



1. What is the ratio of total number of doctors in the 3 hospitals combined in 2007 to the total number of doctors in the 3 hospitals combined in 2005?

A. 101 : 70 B. 13 : 5 C. 109 : 76 D. 80 : 71 E. 43 : 35

2. The number of doctors in hospital B in 2006 was what percentage of the total number of doctors in hospital B during the 3 years combined?

A. 50% B. 16.67% C. 42.5% D. 33.33% E. 12.5%

3. What was the difference between the number of doctors in hospital A and hospital C in 2007?

A. 2 B. 12 C. 20 D. 6 E. 18

4. What was the average number of doctors in hospital A during the period 2005 to 2007?

A. 18 B. 26 C. 58 D. 46 E. None of these

5. What was the total number of doctors in the 3 hospitals in the 3 years combined?

A. 476 B. 608 C. 310 D. 340 E. None of these

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Correct Answers:

1	2	3	4	5
A	D	D	C	A

Explanations :

1. The total number of doctors in the 3 hospitals combined in 2007 = 64 + 68 + 70 = 202

The total number of doctors in the 3 hospitals combined in 2005 = 72 + 20 + 48 = 140

Required ratio = 202 : 140 = 101 : 70

Hence, option A is correct.

2.

$$\text{Reqd. \%} = \frac{44}{20 + 44 + 68} \times 100 = 33.33\%$$

Hence, option D is correct.

3. Required difference = (70 – 64) = 6

Hence, option D is correct.

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4.

$$\text{Reqd. average} = \frac{72 + 38 + 64}{3} = \frac{174}{3} = 58$$

Hence, option C is correct.

5. The total number of doctors in the 3 hospitals in the 3 years combined

= (72 + 38 + 64) + (20 + 44 + 68) + (48 + 52 + 70)

= 174 + 132 + 170 = 476

Hence, option A is correct.

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