SmartKeeda
The Question Bank

Presents

TestZone

India's least priced Test Series platform

JOIN

12 Month Plan
2017-18 All Test Series

@ Just

₹399/-
300+ Full Length Tests

- ☑ **Brilliant Test Analysis**
- ☑ **Excellent Content**
- ☑ **Unmatched Explanations**

JOIN NOW

Date Interpretation Line Chart Questions for Bank PO Pre and Clerk Mains Exams.

DI Line Chart Quiz 9

Direction : Study the following line graph carefully to answer the questions that follow.

Data regarding the number of tourists in two cities A and B in five different months in the year 2005 (data are given in hundreds.)

	Jan	Feb	Mar	Apr	May
City A	320	300	250	240	200
City B	140	220	160	280	300
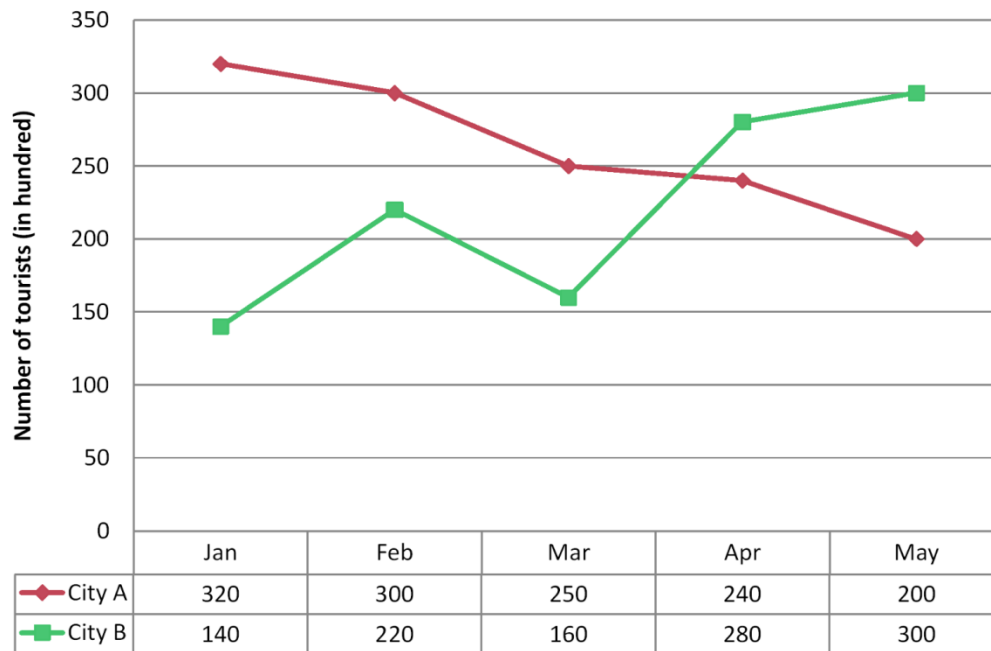
1. What is the average number of tourists in City B in February and March?

A. 18,000   B. 23,000   C. 19,000   D. 21,000   E. 17,500

2. The number of tourists in City B in April is what per cent more than that in City A in March?

A. 20%   B. 18%   C. 12%   D. 25%   E. 8%

3. What is the ratio of the total number of tourists in City A in Jan and Feb together and that in City B in same months together?

A. 25 : 11   B. 16 : 9   C. 30 : 17   D. 16 : 11   E. 31 : 18

4. In the month of June that year, the total number tourists in both the cities together reduced by 40% from the previous month. What were the number tourists in both the cities together in June?

A. 32,000   B. 40,000   C. 20,000   D. 42,000   E. 30,000

5. What is the difference between the total number of tourists in cities A and B together in May that in March?

A. 10,000   B. 9,000   C. 7,000   D. 8,000   E. 9,500

6. The number of tourists in City A in April is what percent less than that in the same city in January?

A. $30\dfrac{3}{4}$ %   B. 20 %   C. $20\dfrac{1}{4}$ %   D. 30%   E. 25%

Correct Answers:

1	2	3	4	5	6
C	C	E	E	B	E

Explanations:

1.

Average number of tourists in City B in Feb & March $= \dfrac{(220 + 160)}{2} \times 100$

$= \dfrac{380}{2} \times 100 = 19000$

Hence, option C is correct.

2.

Reqd. % $= \dfrac{280 - 250}{250} \times 100$

$= \dfrac{30}{250} \times 100 = 12\%$ more

Hence, option C is correct.

3.   Total no. of tourists in City A in Jan & Feb together = 320 + 300 = 620

Total no. of tourists in City B in Jan & Feb together = 140 + 220 = 360

∴   Reqd. ratio $= \dfrac{620}{360} = \dfrac{31}{18} = 31 : 18$

Hence, option E is correct.

4.   Total no. of tourists in both the cities in the month of June

$= 200 \times \dfrac{60}{100} + 300 \times \dfrac{60}{100}$

= 120 + 180 = 300 hundred = 30,000.

Hence, option E is correct.

5.   Reqd. difference = (200 + 300) – (250 + 160) = 500 – 410 = 90 hundred = 9,000.

Hence, option B is correct.

6.

Reqd. less% $= \dfrac{320 - 240}{320} \times 100$

$= \dfrac{80}{320} \times 100 = 25\%$

Hence, option E is correct.