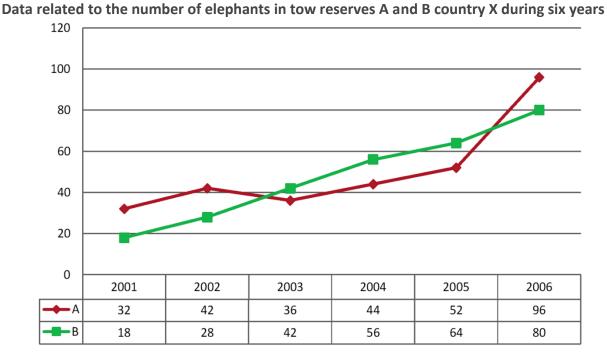


Date Interpretation Line Chart Questions for Bank Clerk Mains and PO Pre Exams.

DI Line Chart Quiz 8

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



1. The number of elephants in Reserve A increased by what percent from 2001 to 2005?

A. 56.5 B. 62.5 C. 68.5 D. 54.5 E. 58.5

2. What is the average number elephants in Reserve B during 2001, 2003, 2005 and 2006?

A. 46 B. 56 C. 51 D. 53 E. 4

3. Out of total number of elephants in Reserve A and B together in 2002, only 40% were African elephants, and out of the total number of elephants in Reserve A and B together in 2004, only 65% were African elephants. What is the difference between the total number of African elephants in Reserve A and B together in 2004 and the total number of African elephants in Reserve A and B together in 2002?

A. 37	B. 47	C. 43	D. 41	E. 55

4. What is the ratio of the total number of elephants in Reserve A in 2003 and 2006 together and the total number elephants in Reserve B in 2005 and 2006 together?

A. 17 : 18 B. 23 : 24 C. 11 : 14 D. 9 : 14 E. 11 : 12

5. The number of elephants in Reserve A decreased by 25% from 2006 to 2007 and the number of elephants in Reserve B increased by 15% from 2006 to 2007. What was the total number of elephants in Reserve A and B together in 2007?

A. 172	B. 164	C. 158	D. 174	E. 166
Correct Answers				
concer Answer				
1 2		5		
B C	A E	В	unce	
Explanations:				
1.				
Reqd. % = $\frac{52 - 32}{32}$	×100			
$=\frac{20}{32} \times 100 = 62.5\%$	6 increase			
Hence, option B is	correct.			

2.

Reqd. average = $\frac{18 + 42 + 64 + 80}{4}$

 $=\frac{204}{4}=51$

Hence, option C is correct.

3. African elephants in Reserve A and B together in 2002, $= (42 + 28) \times \frac{40}{100} = \frac{70 \times 40}{100} = 28$ African elephants in Reserve A and B together in 2004 $= (44 + 56) \times \frac{65}{100} = \frac{100 \times 65}{100} = 65$: Reqd. difference = 65 - 28 = 37. Hence, option A is correct. 4. Reqd. ratio = $\frac{A_{(2003 + 2006)}}{B_{(2005 + 2006)}}$ $=\frac{36+96}{64+80}=\frac{132}{144}=\frac{11}{12}=11:12$ Hence, option E is correct. 5. Keeda Elephants in Reserve A in 2007 = $96 \times \frac{75}{100} = 72$ Elephants in Reserve B in 2008 = $80 \times \frac{115}{100} = 92$

Total no. of elephants in Reserve A and B in 2007 = 72 + 92 = 164Hence, option B is correct.

