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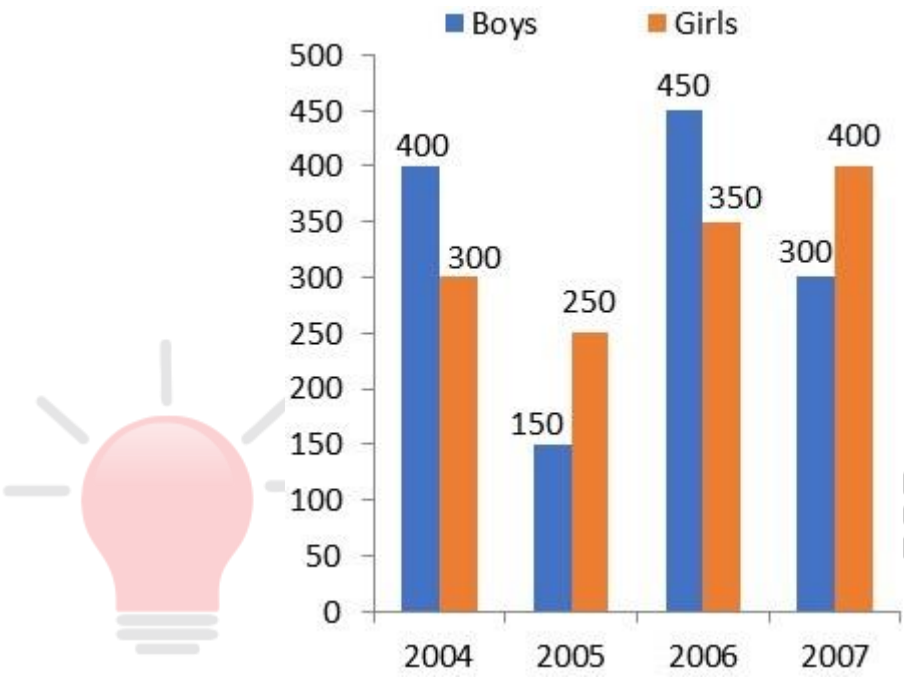
DI Bar Chart Questions for IBPS Clerk Pre, SBI Clerk Pre, LIC Assistant Pre and IBPS RRB Assistant Pre Exams.

DI Bar Chart No.82

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

Given bar graph shows number of students (i.e. boys and girls) of school A in different years.



1. Find the ratio of total number of boys in the year 2004 and 2006 to the total number of girls in the year 2004 and 2005?

A. 11 : 13 B. 17 : 11 C. 17 : 13 D. 13 : 11 E. None of these

2. What is the difference between the total number of girls in school A in the year 2005 and 2007 to the total number of boys in the year 2004 and 2005?

A. 50 B. 150 C. 100 D. 25 E. None of these

3. Find the percentage increase in number of students from 2005 to 2006?

A. 100% B. 50% C. 150% D. 200% E. None of these

4. If 28.57% of girls and 44.44% of boys participated in sports in the year 2006, then how many students did not participate in sports in the year 2006?

A. 450 B. 300 C. 350 D. 550 E. 500

5. The number of girls increased by 40% in the year 2008 from the year 2007. Find the number of girls in the year 2008?

A. 500 B. 600 C. 480 D. 560 E. None of these

Correct Answers:

1	2	3	4	5
B	C	A	E	D

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Explanations :

1. Number of boys in the year 2004 = 400

Number of boys in the year 2006 = 450

Total boys = 850

Number of girls in the year 2004 = 300

Number of girls in the year 2005 = 250

Total girls = 550

Boys: Girls = 850 : 550 = 17 : 11

Hence, option B is correct.

2. Total number of girls in the year 2005 and 2007 together = (250 + 400) = 650

Total number of boys in the year 2004 and 2005 together = (400 + 150) = 550

Difference between the girls and boys = (650 – 550) = 100

Hence, option C is correct.

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3. Students in year 2005 = (250 + 150) = 400

Students in year 2006 = (450 + 350) = 800

Increase in students in year 2006 from year 2005 = (800 – 400) = 400

$$\% \text{ increase} = \frac{400}{400} \times 100 = 100\%$$

Hence, option A is correct.

4. 28.57% of a number = 2/7 of a number

2/7 of 350 = 100

44.44% of a number = 4/9 of a number

4/9 of 450 = 200

Total students who participated in sports = (100 + 200) = 300

Students who did not participate in sports = (total students in the year 2006 – students who took part in sports) = (800 – 300) = 500
Hence, option E is correct.

5. 40% of 400 = 160

Girls in year 2008 = (400 + 160) = 560

Hence, option D is correct.

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