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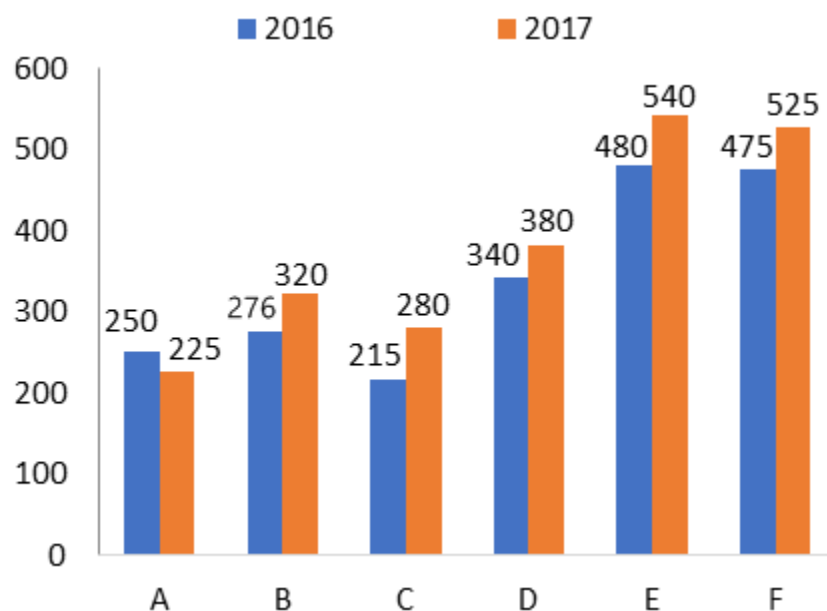
Date Interpretation Mixed Chart Questions Quiz for SBI Clerk Pre and IBPS Clerk Pre Exams.

DI Mixed Chart Quiz 54

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

The following bar chart shows the total number of students appeared in class 10th board exam during the year 2016 and 2017 from six different schools A, B, C, D, E, and F, and the given table shows the percentage of students passed during the given two years from the respective schools.

Students appeared in class 10th board examination



School	2016	2017
A	80%	84%
B	75%	85%
C	60%	95%
D	65%	55%
E	75%	85%
F	64%	88%

1. What is the total number of students failed in the year 2016 from all the six schools together?

- A. 621 B. 625 C. 612 D. 624 E. None of these

2. What is the ratio of the number of students passed in 2016 from all the six schools together to the number of students passed in 2017 from all the six schools together?

- A. 1421 : 1857 B. 1420 : 1857 C. 355 : 466 D. 1421 : 1859 E. None of these

3. What is the difference between the average number of students passed in 2016 and the average number of students passed in 2017?

- A. 74.33 B. 72.67 C. 68.24 D. 76.33 E. None of these

4. The total number of students appeared in 2016 is approximately what percentage of the total number of students appeared in 2017?

- A. 93.4% B. 82.1% C. 84.4% D. 89.7% E. None of these

5. How many students failed in school C during both the year together?

- A. 100 B. 125 C. 130 D. 95 E. None of these

6. Approximately what percentage of the total number of students passed in the year 2017?

- A. 84.8% B. 74.3% C. 81.8% D. 76.7% E. None of these

Correct Answers:

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

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Explanations:

1.

School	Number of students passed in 2016
A	80% of 250 = 200
B	75% of 276 = 207
C	60% of 215 = 129
D	65% of 340 = 221
E	75% of 480 = 360
F	64% of 475 = 304
Total	1421 out of 2036

The total number of students failed in the year 2016 from all the six schools together = $2036 - 1421 = 615$

Hence, option E is correct.

2.

School	Number of students passed in 2016	Number of students passed in 2017
A	80% of 250 = 200	84% of 225 = 189
B	75% of 276 = 207	85% of 320 = 272
C	60% of 215 = 129	95% of 280 = 266
D	65% of 340 = 221	55% of 380 = 209
E	75% of 480 = 360	85% of 540 = 459
F	64% of 475 = 304	88% of 525 = 462
Total	1421 out of 2036	1857 out of 2270

The required ratio = $1421 : 1857$

Hence, option A is correct.

3. The reqd. difference

$$= \frac{1857}{6} - \frac{1421}{6} = \frac{436}{6} = \frac{218}{3} = \text{approximately } 72.67$$

Hence, option B is correct.

4. The total number of students appeared in 2016 = 2036

The total number of students appeared in 2017 = 2270

The reqd. % = $\frac{2036 \times 100}{2270}$ = approximately 89.69 = 89.7%

Hence, option D is correct.

5. The number of students failed in school C during both the year together = $(215 + 280) - (129 + 266) = 495 - 395 = 100$

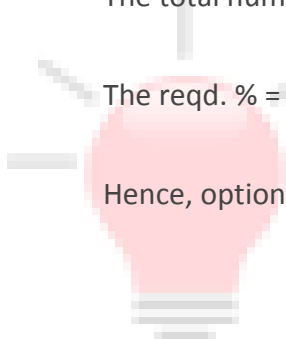
Hence, option A is correct.

6. The total number of students appeared in 2017 = 2270

The total number of students passed in 2017 = 1857

The reqd. % = $\frac{1857 \times 100}{2270}$ = approximately 81.8%

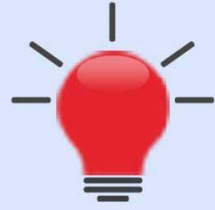
Hence, option C is correct.



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