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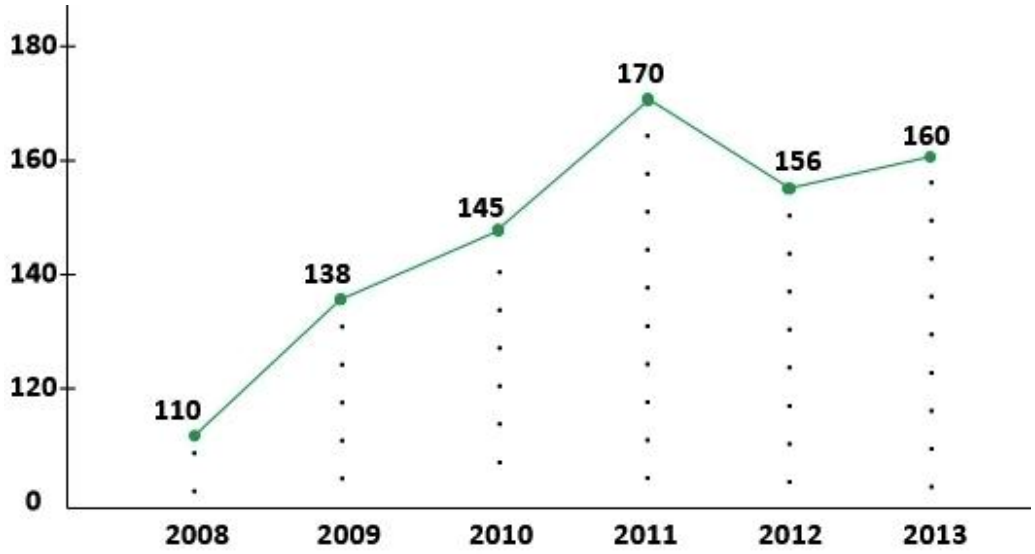
Date Interpretation Line Chart Questions for SSC Exams.

DI Line Chart Quiz 4

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

Given a line graph showing the number of students passed in Higher Secondary Examination in a school over the years from 2008 to 2013.



1. The average of passed students in the years 2008, 2009, 2012 approximately is:

A. 134.41 B. 134.32 C. 134.56 D. 134.67

2. The increase in percentage of passed students from 2008 to 2011 approximately is:

A. 50.5% B. 53.05% C. 55% D. 54.5%

3. The decrease in percentage of passed students from 2011 to 2012 approximately:

A. 8.25% B. 8.24% C. 8.22% D. 8.27%

Correct Answers:

1	2	3
D	D	B

Explanations:

1.

Average passed students $= \frac{110 + 138 + 156}{3}$

$= \frac{404}{3} = 134.67.$

Hence, option D is correct.

2. Passed students of the year 2008 = 110

Passed students of the year 2011 = 170

$\therefore$ Reqd. % $= \frac{170 - 110}{110} \times 100$

$= \frac{60}{110} \times 100 = 54.5\%$

Hence, option D is correct.

3. Passed students of the year 2011 = 170

Passed students of the year 2012 = 156

$\therefore$ Reqd. percentage $= \frac{170 - 156}{170} \times 100$

$= \frac{14}{170} \times 100 = 8.235 \approx 8.24\%$

Hence, option B is correct.

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