(ii) No. $\Rightarrow$ $3.625 - 3.265$

$= 0.360$

$= \frac{\text{Error}}{\text{Original no.}} \times 100\% = \frac{0.360}{3.625} \times 100$

$= \frac{360}{3625} \times 100 = \frac{288}{29}$

$= 9.93\%$

Error → 5.830 − 5.78 = 0.05

$= \frac{0.05}{5.78} \times 100\% = 1.56\%$

11) → One candidate votes (won) = 58%

→ The other won = 100 − 58 = 42%

$= \frac{58}{100} \times$ Total votes $- \frac{42}{100} \times$ Total votes

$= 18,336$

$= \frac{16}{100} \times$ Total votes $= 18,336$

Total votes $= 1,14,600$

$= \frac{58}{100} \times 1,14,600 = 66,468$ and

$\frac{42}{100} \times 1,14,600 = 48,132$ votes

Maximum Marks = x

Passing Marks = 125 + 15

= 140

25% of x = 140

$\frac{25}{100} \times x = 140$

$x = \frac{140 \times 100}{25}$

$x = 400$

17) Original no. $x\left(1 + \frac{20}{100}\right) \times \left(1 - \frac{20}{100}\right)$

$= 8000 \times \frac{120}{100} \times \frac{80}{100}$

$= 7,680$

18) Original no $\times \left(1 - \frac{25}{100}\right) \times \left(1 + \frac{25}{100}\right)$

$= 12000 \times \left(\frac{75}{100}\right) \times \left(\frac{125}{100}\right) = 11,250$