



1. Out of 36 articles, 2 were damaged. What is the percentage of good articles?  
(i) 96.44% (ii) 92.44% (iii) 95.44% (iv) 93.44% (v) 94.44%
2. Out of 186 articles, 86 were damaged. What is the percentage of good articles?  
(i) 54.76% (ii) 52.76% (iii) 51.76% (iv) 55.76% (v) 53.76%
3. The cost of an article is ₹60.00. If it is increased by 10.00%, what is the new cost of the article?  
(i) ₹66.00 (ii) ₹64.00 (iii) ₹67.00 (iv) ₹65.00 (v) ₹68.00
4. The cost of an article is ₹170.00. If it is increased by 45.00%, what is the new cost of the article?  
(i) ₹245.50 (ii) ₹244.50 (iii) ₹248.50 (iv) ₹247.50 (v) ₹246.50
5. The cost of an article is ₹100.00. If it is decreased by 6.00%, what is the new cost of the article?  
(i) ₹92.00 (ii) ₹96.00 (iii) ₹94.00 (iv) ₹93.00 (v) ₹95.00
6. The cost of an article is ₹240.00. If it is decreased by 45.00%, what is the new cost of the article?  
(i) ₹133.00 (ii) ₹134.00 (iii) ₹132.00 (iv) ₹131.00 (v) ₹130.00
7. If initial value is V, new value after r% increase is  
(i)  $\frac{100+r}{r} \times V$  (ii)  $\frac{100+r}{100} \times V$  (iii)  $\frac{100-r}{100} \times V$  (iv)  $\frac{100-r}{r} \times V$
8. If initial value is V, new value after r% decrease is  
(i)  $\frac{100-r}{r} \times V$  (ii)  $\frac{100+r}{100} \times V$  (iii)  $\frac{100+r}{r} \times V$  (iv)  $\frac{100-r}{100} \times V$
9. In a school of 800 students, 600 students are boys. The number of boys who failed the final exam is 290. The number of girls who failed is 100. The percentage of boys who passed the exam =  
(i) 50.67% (ii) 52.67% (iii) 49.67% (iv) 51.67% (v) 53.67%
10. In a school of 200 students, 30 students are boys. The number of boys who failed the final exam is 20. The number of girls who failed is 40. The percentage of girls who passed the exam =  
(i) 74.47% (ii) 78.47% (iii) 75.47% (iv) 76.47% (v) 77.47%
11. In a school of 200 students, 80 students are boys. The number of boys who failed the final exam is 40. The number of girls who failed is 80. The percentage of boys who failed the exam =  
(i) 50.00% (ii) 51.00% (iii) 48.00% (iv) 49.00% (v) 52.00%
12. In a school of 700 students, 175 students are boys. The number of boys who failed the final exam is 75. The number of girls who failed is 225. The percentage of girls who failed the exam =  
(i) 42.86% (ii) 43.86% (iii) 40.86% (iv) 41.86% (v) 44.86%

13. In a school of 400 students, 40 students are boys. The number of boys who failed the final exam is 20. The number of girls who failed is 270. The percentage of students who passed the exam =  
(i) 27.50% (ii) 29.50% (iii) 28.50% (iv) 26.50% (v) 25.50%
14. In a school of 500 students, 225 students are boys. The number of boys who failed the final exam is 155. The number of girls who passed is 190. The percentage of girls who failed the exam =  
(i) 28.91% (ii) 29.91% (iii) 32.91% (iv) 30.91% (v) 31.91%
15. In a school of 200 students, 150 students are boys. The number of boys who failed the final exam is 80. The number of girls who passed is 20. The percentage of students who passed the exam =  
(i) 44.00% (ii) 46.00% (iii) 45.00% (iv) 47.00% (v) 43.00%
16. In a school of 600 students, 120 students are boys. The number of boys who failed the final exam is 30. The number of girls who passed is 370. The percentage of students who failed the exam =  
(i) 25.33% (ii) 21.33% (iii) 22.33% (iv) 24.33% (v) 23.33%
17. In a school of 900 students, 270 students are boys. The number of boys who failed the final exam is 120. The percentage of girls who passed is 23.81%. The number of girls who passed the exam =  
(i) 149 (ii) 148 (iii) 150 (iv) 153 (v) 151
18. In a school of 400 students, 280 students are boys. The number of boys who failed the final exam is 220. The percentage of girls who passed is 66.67%. The number of girls who failed =  
(i) 38 (ii) 41 (iii) 42 (iv) 40 (v) 39

## Assignment Key

1) (v)	2) (v)	3) (i)	4) (v)	5) (iii)	6) (iii)
7) (ii)	8) (iv)	9) (iv)	10) (iv)	11) (i)	12) (i)
13) (i)	14) (iv)	15) (iii)	16) (v)	17) (iii)	18) (iv)

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