



1. Out of 64 articles, 6 were damaged. What is the percentage of good articles?  
(i) 91.62% (ii) 89.62% (iii) 90.62% (iv) 88.62% (v) 92.62%
2. 6.00% of a number is 15.00. What is 7.00% of the number?  
(i) 15.5 (ii) 19.5 (iii) 16.5 (iv) 17.5 (v) 18.5
3. The cost of an article is ₹40.00. If it is increased by 5.00%, what is the new cost of the article?  
(i) ₹43.00 (ii) ₹40.00 (iii) ₹42.00 (iv) ₹41.00 (v) ₹44.00
4. The cost of an article is ₹10.00. If it is decreased by 5.00%, what is the new cost of the article?  
(i) ₹8.50 (ii) ₹7.50 (iii) ₹11.50 (iv) ₹9.50 (v) ₹10.50
5. The population of a city is 20000. If the rate of increase in population is 2.00% per annum, what is the population after 3 year(s)?  
(i) 21234 (ii) 21224 (iii) 21204 (iv) 21214 (v) 21244
6. The population of a city is 40000. If the rate of decrease in population is 3.00% per annum, what is the population after 1 year(s)?  
(i) 38800 (ii) 38780 (iii) 38820 (iv) 38790 (v) 38810
7. If 7.00% and 3.00% are two successive changes, then the overall change is  
(i) 8.21% (ii) 9.21% (iii) 10.21% (iv) 12.21% (v) 11.21%
8. The present value of a machine is ₹7000.00. Suppose it depreciates at the rate of 4.00% per annum, what is the value of the machine after 5 year(s)?  
(i) ₹5709.61 (ii) ₹5705.61 (iii) ₹5707.61 (iv) ₹5708.61 (v) ₹5706.61
9. The present value of a machine is ₹10000.00. Suppose it depreciates at the rate of 2.00% per annum, what was the value of the machine 1 year(s) ago?  
(i) ₹10206.08 (ii) ₹10203.08 (iii) ₹10205.08 (iv) ₹10204.08 (v) ₹10202.08
10. If the price of a commodity increases by 7.00%, the reduction in consumption so as not to increase the expenditure is  
(i) 5.54% (ii) 7.54% (iii) 4.54% (iv) 6.54% (v) 8.54%
11. If the price of a commodity decreases by 3.00%, the increase in consumption so as to match the expenditure is  
(i) 5.09% (ii) 3.09% (iii) 4.09% (iv) 1.09% (v) 2.09%
12. If 'a' exceeds 'b' by 7.00%, then 'b' is short of 'a' by  
(i) 5.54% (ii) 7.54% (iii) 8.54% (iv) 4.54% (v) 6.54%
13. If 'a' is short of 'b' by 10.00%, then 'b' exceeds 'a' by  
(i) 9.11% (ii) 11.11% (iii) 13.11% (iv) 12.11% (v) 10.11%

14. If the radius of a circle is decreased by 6.00%, its area will decrease by

- (i) 13.64% (ii) 10.64% (iii) 9.64% (iv) 12.64% (v) 11.64%

## Assignment Key

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