



1. Out of 87 articles, 5 were damaged. What is the percentage of good articles?
(i) 93.25% (ii) 96.25% (iii) 95.25% (iv) 92.25% (v) 94.25%
2. Out of 519 articles, 44 were damaged. What is the percentage of good articles?
(i) 90.52% (ii) 92.52% (iii) 89.52% (iv) 91.52% (v) 93.52%
3. 2.00% of a number is 4.00. What is 1.00% of the number?
(i) 2 (ii) 3 (iii) 0 (iv) 1 (v) 4
4. 14.00% of a number is 252.00. What is 33.00% of the number?
(i) 594 (ii) 592 (iii) 595 (iv) 596 (v) 593
5. In a school of 900 students, 225 students are boys. The number of boys who failed the final exam is 175. The number of girls who failed is 465. The percentage of boys who passed the exam =
(i) 23.22% (ii) 21.22% (iii) 24.22% (iv) 20.22% (v) 22.22%
6. In a school of 600 students, 450 students are boys. The number of boys who failed the final exam is 160. The number of girls who failed is 40. The percentage of girls who passed the exam =
(i) 71.33% (ii) 74.33% (iii) 73.33% (iv) 75.33% (v) 72.33%
7. In a school of 900 students, 495 students are boys. The number of boys who failed the final exam is 175. The number of girls who failed is 215. The percentage of boys who failed the exam =
(i) 34.35% (ii) 33.35% (iii) 36.35% (iv) 37.35% (v) 35.35%
8. In a school of 500 students, 50 students are boys. The number of boys who failed the final exam is 20. The number of girls who failed is 200. The percentage of girls who failed the exam =
(i) 46.44% (ii) 45.44% (iii) 44.44% (iv) 43.44% (v) 42.44%
9. The cost of an article is ₹30.00. If it is increased by 1.00%, what is the new cost of the article?
(i) ₹29.30 (ii) ₹30.30 (iii) ₹32.30 (iv) ₹28.30 (v) ₹31.30
10. The cost of an article is ₹480.00. If it is increased by 19.00%, what is the new cost of the article?
(i) ₹573.20 (ii) ₹570.20 (iii) ₹569.20 (iv) ₹572.20 (v) ₹571.20
11. The cost of an article is ₹40.00. If it is decreased by 5.00%, what is the new cost of the article?
(i) ₹37.00 (ii) ₹36.00 (iii) ₹38.00 (iv) ₹40.00 (v) ₹39.00
12. The cost of an article is ₹230.00. If it is decreased by 47.00%, what is the new cost of the article?
(i) ₹122.90 (ii) ₹121.90 (iii) ₹119.90 (iv) ₹123.90 (v) ₹120.90
13. The population of a city is 50000. If the rate of increase in population is 3.00% per annum, what is the population after 4 year(s)?
(i) 56255 (ii) 56265 (iii) 56295 (iv) 56275 (v) 56285

14. The population of a city is 20000. If the rate of decrease in population is 6.00% per annum, what is the population after 4 year(s)?
(i) 15635 (ii) 15605 (iii) 15615 (iv) 15625 (v) 15595
15. If 2.00% and 10.00% are two successive changes, then the overall change is
(i) 11.20% (ii) 12.20% (iii) 13.20% (iv) 10.20% (v) 14.20%
16. The present value of a machine is ₹6000.00. Suppose it depreciates at the rate of 5.00% per annum, what is the value of the machine after 4 year(s)?
(i) ₹4889.04 (ii) ₹4885.04 (iii) ₹4888.04 (iv) ₹4886.04 (v) ₹4887.04
17. The present value of a machine is ₹5000.00. Suppose it depreciates at the rate of 10.00% per annum, what was the value of the machine 2 year(s) ago?
(i) ₹6173.84 (ii) ₹6170.84 (iii) ₹6171.84 (iv) ₹6174.84 (v) ₹6172.84
18. If the price of a commodity increases by 4.00%, the reduction in consumption so as not to increase the expenditure is
(i) 2.85% (ii) 5.85% (iii) 4.85% (iv) 3.85% (v) 1.85%
19. If the price of a commodity decreases by 6.00%, the increase in consumption so as to match the expenditure is
(i) 7.38% (ii) 6.38% (iii) 4.38% (iv) 8.38% (v) 5.38%
20. If 'a' exceeds 'b' by 10.00%, then 'b' is short of 'a' by
(i) 9.09% (ii) 10.09% (iii) 7.09% (iv) 11.09% (v) 8.09%
21. If 'a' is short of 'b' by 5.00%, then 'b' exceeds 'a' by
(i) 7.26% (ii) 4.26% (iii) 5.26% (iv) 3.26% (v) 6.26%
22. If the radius of a circle is increased by 5.00%, its area will increase by
(i) 8.25% (ii) 9.25% (iii) 11.25% (iv) 10.25% (v) 12.25%

Assignment Key

1) (v)	2) (iv)	3) (i)	4) (i)	5) (v)	6) (iii)
7) (v)	8) (iii)	9) (ii)	10) (v)	11) (iii)	12) (ii)
13) (iv)	14) (iii)	15) (ii)	16) (v)	17) (v)	18) (iv)
19) (ii)	20) (i)	21) (iii)	22) (iv)		