



1. In a school of 600 students, 330 students are boys. The number of boys who failed the final exam is 90. The number of girls who failed is 60. The percentage of students who passed the exam =
(i) 77.00% (ii) 76.00% (iii) 75.00% (iv) 74.00% (v) 73.00%
2. $4.00\% \text{ of } 100.00 \times 6.00\% \text{ of } 40.00 =$
(i) 9.50 (ii) 9.80 (iii) 9.60 (iv) 9.70 (v) 9.40
3. The cost of an article is ₹480.00. If it is increased by 10.00%, what is the new cost of the article?
(i) ₹527.00 (ii) ₹529.00 (iii) ₹526.00 (iv) ₹530.00 (v) ₹528.00
4. In a school of 900 students, 450 students are boys. The number of boys who failed the final exam is 100. The number of girls who failed is 280. The percentage of girls who passed the exam =
(i) 37.78% (ii) 39.78% (iii) 38.78% (iv) 35.78% (v) 36.78%
5. $0.80\% =$
(i) $\frac{3}{125}$ (ii) $\frac{1}{127}$ (iii) $\frac{1}{123}$ (iv) $\frac{1}{125}$ (v) $(\frac{-1}{125})$
6. $0.20 =$
(i) 20.00% (ii) 18.00% (iii) 21.00% (iv) 19.00% (v) 22.00%
7. If the price of a commodity increases by 9.00%, the reduction in consumption so as not to increase the expenditure is
(i) 8.26% (ii) 10.26% (iii) 9.26% (iv) 7.26% (v) 6.26%
8. If 'a' exceeds 'b' by 4.00%, then 'b' is short of 'a' by
(i) 5.85% (ii) 4.85% (iii) 3.85% (iv) 1.85% (v) 2.85%
9. In a school of 600 students, 150 students are boys. The number of boys who failed the final exam is 70. The number of girls who failed is 100. The percentage of boys who passed the exam =
(i) 53.33% (ii) 51.33% (iii) 52.33% (iv) 55.33% (v) 54.33%
10. If 6.00% and 9.00% are two successive changes, then the overall change is
(i) 14.54% (ii) 15.54% (iii) 13.54% (iv) 17.54% (v) 16.54%
11. The population of a city is 30000. If the rate of decrease in population is 3.00% per annum, what is the population after 3 year(s)?
(i) 27360 (ii) 27380 (iii) 27400 (iv) 27390 (v) 27370
12. In a school of 600 students, 240 students are boys. The number of boys who failed the final exam is 120. The percentage of girls who failed is 47.22%. The number of girls who passed the exam =
(i) 190 (ii) 191 (iii) 188 (iv) 193 (v) 189

13. In a school of 300 students, 75 students are boys. The number of boys who failed the final exam is 35. The number of girls who failed is 115. The percentage of boys who failed the exam =
(i) 45.67% (ii) 48.67% (iii) 44.67% (iv) 46.67% (v) 47.67%
14. In a school of 900 students, 405 students are boys. The number of boys who failed the final exam is 135. The percentage of girls who failed is 79.80%. The percentage of girls who passed the exam =
(i) 22.20% (ii) 18.20% (iii) 21.20% (iv) 20.20% (v) 19.20%
15. 5.00% of $20.00 + 8.00\%$ of $40.00 + 9.00\%$ of $40.00 =$
(i) 7.90 (ii) 7.60 (iii) 7.70 (iv) 7.80 (v) 8.00
16. $4.00 =$
(i) 402.00% (ii) 399.00% (iii) 398.00% (iv) 400.00% (v) 401.00%
17. How much is 45.80% of 435?
(i) 197.23 (ii) 198.23 (iii) 201.23 (iv) 199.23 (v) 200.23
18. In a school of 800 students, 400 students are boys. The number of boys who failed the final exam is 170. The number of girls who failed is 150. The percentage of students who failed the exam =
(i) 41.00% (ii) 39.00% (iii) 42.00% (iv) 38.00% (v) 40.00%
19. $92.00\% =$
(i) 8.92 (ii) 0.92 (iii) 7.92 (iv) 2.92 (v) 1.92
20. $0.09 =$
(i) 9.00% (ii) 7.00% (iii) 8.00% (iv) 11.00% (v) 10.00%
21. The cost of an article is ₹100.00. If it is decreased by 9.00%, what is the new cost of the article?
(i) ₹92.00 (ii) ₹90.00 (iii) ₹89.00 (iv) ₹91.00 (v) ₹93.00
22. 4.80 is what percentage of 120?
(i) 3.00% (ii) 5.00% (iii) 6.00% (iv) 2.00% (v) 4.00%
23. If the radius of a circle is increased by 8.00%, its area will increase by
(i) 17.64% (ii) 14.64% (iii) 15.64% (iv) 18.64% (v) 16.64%
24. $3.00\% =$
(i) $\frac{3}{98}$ (ii) $\frac{1}{20}$ (iii) $\frac{1}{100}$ (iv) $\frac{3}{100}$ (v) $\frac{1}{34}$
25. 43.60 is what percentage of 258?
(i) 18.90% (ii) 15.90% (iii) 17.90% (iv) 14.90% (v) 16.90%

Assignment Key

1) (iii)	2) (iii)	3) (v)	4) (i)	5) (iv)	6) (i)
7) (i)	8) (iii)	9) (i)	10) (ii)	11) (ii)	12) (i)
13) (iv)	14) (iv)	15) (iv)	16) (iv)	17) (iv)	18) (v)
19) (ii)	20) (i)	21) (iv)	22) (v)	23) (v)	24) (iv)
25) (v)					