



1. 5.00% =

- (i) $\frac{1}{18}$ (ii) $\frac{1}{22}$ (iii) $\frac{3}{20}$ (iv) $\frac{1}{20}$ (v) $(\frac{-1}{20})$

2. 1000.00% =

- (i) 8 (ii) 9 (iii) 12 (iv) 11 (v) 10

3. If 7.00% and 9.00% are two successive changes, then the overall change is

- (i) 18.63% (ii) 15.63% (iii) 14.63% (iv) 17.63% (v) 16.63%

4. In a school of 300 students, 120 students are boys. The number of boys who failed the final exam is 80. The number of girls who failed is 90. The percentage of students who passed the exam =

- (i) 41.33% (ii) 45.33% (iii) 42.33% (iv) 43.33% (v) 44.33%

5. If 'a' is short of 'b' by 8.00%, then 'b' exceeds 'a' by

- (i) 8.70% (ii) 10.70% (iii) 9.70% (iv) 7.70% (v) 6.70%

6. 10.00% of 100.00 – 1.00% of 30.00 =

- (i) 9.60 (ii) 9.70 (iii) 9.80 (iv) 9.50 (v) 9.90

7. 6.00% of 90.00 × 3.00% of 80.00 =

- (i) 12.96 (ii) 13.06 (iii) 13.16 (iv) 12.76 (v) 12.86

8. If the price of a commodity decreases by 7.00%, the increase in consumption so as to match the expenditure is

- (i) 5.53% (ii) 8.53% (iii) 7.53% (iv) 9.53% (v) 6.53%

9. The cost of an article is ₹380.00. If it is decreased by 19.00%, what is the new cost of the article?

- (i) ₹308.80 (ii) ₹309.80 (iii) ₹307.80 (iv) ₹305.80 (v) ₹306.80

10. In a school of 600 students, 240 students are boys. The number of boys who failed the final exam is 190. The number of girls who failed is 180. The percentage of girls who passed the exam =

- (i) 49.00% (ii) 48.00% (iii) 50.00% (iv) 52.00% (v) 51.00%

11. In a school of 300 students, 180 students are boys. The number of boys who failed the final exam is 90. The number of girls who failed is 40. The percentage of girls who failed the exam =

- (i) 34.33% (ii) 33.33% (iii) 35.33% (iv) 32.33% (v) 31.33%

12. In a school of 400 students, 60 students are boys. The number of boys who failed the final exam is 20. The percentage of girls who failed is 58.82%. The percentage of girls who passed the exam =

- (i) 40.18% (ii) 43.18% (iii) 42.18% (iv) 39.18% (v) 41.18%

13. In a school of 400 students, 260 students are boys. The number of boys who failed the final exam is 120. The number of girls who failed is 60. The percentage of students who failed the exam =
(i) 46.00% (ii) 43.00% (iii) 44.00% (iv) 45.00% (v) 47.00%
14. Out of 969 articles, 17 were damaged. What is the percentage of good articles?
(i) 100.25% (ii) 96.25% (iii) 98.25% (iv) 97.25% (v) 99.25%
15. The population of a city is 60000. If the rate of increase in population is 4.00% per annum, what is the population after 1 year(s)?
(i) 62390 (ii) 62410 (iii) 62420 (iv) 62400 (v) 62380
16. The present value of a machine is ₹5000.00. Suppose it depreciates at the rate of 3.00% per annum, what was the value of the machine 3 year(s) ago?
(i) ₹5480.41 (ii) ₹5477.41 (iii) ₹5476.41 (iv) ₹5478.41 (v) ₹5479.41
17. $0.30 =$
(i) 30.00% (ii) 28.00% (iii) 32.00% (iv) 29.00% (v) 31.00%
18. $20.00\% =$
(i) 2.2 (ii) 8.2 (iii) 7.2 (iv) 0.2 (v) 1.2
19. What percentage of the figure is shaded?
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- (i) 36.11% (ii) 35.11% (iii) 38.11% (iv) 37.11% (v) 34.11%
20. 29.00% of a number is 565.50. What is 22.00% of the number?
(i) 430 (ii) 429 (iii) 428 (iv) 427 (v) 431
21. The cost of an article is ₹100.00. If it is increased by 1.00%, what is the new cost of the article?
(i) ₹102.00 (ii) ₹103.00 (iii) ₹101.00 (iv) ₹99.00 (v) ₹100.00
22. How much is 18.00% of 120?
(i) 23.6 (ii) 22.6 (iii) 21.6 (iv) 19.6 (v) 20.6
23. $4.00 =$
(i) 399.00% (ii) 400.00% (iii) 398.00% (iv) 401.00% (v) 402.00%
24. $4.00\% \text{ of } 20.00 + 1.00\% \text{ of } 20.00 =$
(i) 1.10 (ii) 1.00 (iii) 0.80 (iv) 1.20 (v) 0.90
25. In a school of 300 students, 150 students are boys. The number of boys who failed the final exam is 80. The number of girls who failed is 50. The percentage of boys who passed the exam =
(i) 45.67% (ii) 48.67% (iii) 44.67% (iv) 46.67% (v) 47.67%

Assignment Key

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