1. In a school of 300 students, 90 students are boys. The number of boys who failed the final exam is 20. The percentage of girls who failed is 28.57%. The number of girls who failed =

    (i) 59 (ii) 60 (iii) 58 (iv) 61 (v) 62

2. $1.00\%\ of\ 50.00 - 7.00\%\ of\ 30.00 =$

    (i) -1.50 (ii) -1.80 (iii) -1.60 (iv) -1.70 (v) -1.40

3. $30.00\% =$

    (i) $\dfrac{1}{2}$ (ii) $\dfrac{3}{8}$ (iii) $\dfrac{3}{10}$ (iv) $\dfrac{1}{10}$ (v) $\dfrac{1}{4}$

4. $\dfrac{11}{27} =$

    (i) 39.74% (ii) 40.74% (iii) 42.74% (iv) 41.74% (v) 38.74%

5. $7.00\%\ of\ 80.00 + 5.00\%\ of\ 20.00 =$

    (i) 6.50 (ii) 6.70 (iii) 6.60 (iv) 6.40 (v) 6.80

6. Out of 15 articles, 8 were damaged. What is the percentage of good articles?

    (i) 45.67% (ii) 46.67% (iii) 48.67% (iv) 44.67% (v) 47.67%

7. In a school of 200 students, 110 students are boys. The number of boys who failed the final exam is 50. The number of girls who failed is 60. The percentage of girls who failed the exam =

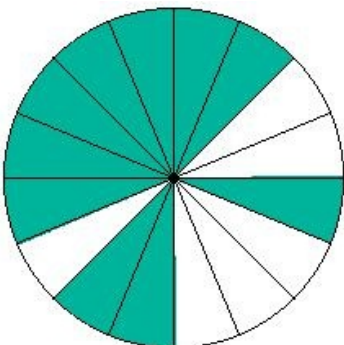   (i) 68.67% (ii) 67.67% (iii) 65.67% (iv) 64.67% (v) 66.67%

8. In a school of 400 students, 100 students are boys. The number of boys who failed the final exam is 30. The number of girls who failed is 70. The percentage of boys who failed the exam =

    (i) 29.00% (ii) 30.00% (iii) 28.00% (iv) 31.00% (v) 32.00%

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

    (i) 9.41% (ii) 8.41% (iii) 6.41% (iv) 5.41% (v) 7.41%

10. What percentage of the figure is shaded?

    (i) 61.50% (ii) 60.50% (iii) 63.50% (iv) 64.50% (v) 62.50%

11. 7.00% =

(i) $\dfrac{7}{102}$ (ii) $\dfrac{7}{100}$ (iii) $\dfrac{1}{14}$ (iv) $\dfrac{1}{20}$ (v) $\dfrac{9}{100}$

12. The population of a city is 20000. If the rate of increase in population is 4.00% per annum, what is the population after 4 year(s)?

(i) 23417 (ii) 23377 (iii) 23407 (iv) 23387 (v) 23397

13. The population of a city is 30000. If the rate of decrease in population is 4.00% per annum, what is the popoulation after 1 year(s)?

(i) 28800 (ii) 28820 (iii) 28790 (iv) 28810 (v) 28780

14. In a school of 900 students, 135 students are boys. The number of boys who failed the final exam is 35. The number of girls who failed is 325. The percentage of girls who passed the exam =

(i) 55.52% (ii) 59.52% (iii) 58.52% (iv) 57.52% (v) 56.52%

15. The cost of an article is ₹60.00. If it is decreased by 3.00%, what is the new cost of the article?

(i) ₹60.20 (ii) ₹56.20 (iii) ₹57.20 (iv) ₹58.20 (v) ₹59.20

16. The present value of a machine is ₹10000.00. Suppose it depreciates at the rate of 3.00% per annum, what was the value of the machine 2 year(s) ago?

(i) ₹10630.12 (ii) ₹10629.12 (iii) ₹10626.12 (iv) ₹10627.12 (v) ₹10628.12

17. 50.00% of a number is 625.00. What is 25.00% of the number?

(i) 310.5 (ii) 314.5 (iii) 311.5 (iv) 312.5 (v) 313.5

18. 9.00% of 70.00 × 1.00% of 20.00 =

(i) 1.16 (ii) 1.06 (iii) 1.46 (iv) 1.36 (v) 1.26

19. In a school of 700 students, 490 students are boys. The number of boys who failed the final exam is 390. The percentage of girls who failed is 42.86%. The number of girls who passed the exam =

(i) 119 (ii) 118 (iii) 122 (iv) 121 (v) 120

20. The present value of a machine is ₹2000.00. Suppose it depreciates at the rate of 2.00% per annum, what is the value of the machine after 2 year(s)?

(i) ₹1921.80 (ii) ₹1922.80 (iii) ₹1920.80 (iv) ₹1918.80 (v) ₹1919.80

21. The cost of an article is ₹410.00. If it is increased by 26.00%, what is the new cost of the article?

(i) ₹515.60 (ii) ₹517.60 (iii) ₹516.60 (iv) ₹514.60 (v) ₹518.60

22. 0.50 =

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

23. If the price of a commodity increases by 8.00%, the reduction in consumption so as not to increase the expenditure is

(i) 7.41% (ii) 6.41% (iii) 8.41% (iv) 5.41% (v) 9.41%

24. 6.00 =

(i) 599.00% (ii) 601.00% (iii) 602.00% (iv) 600.00% (v) 598.00%

25. 300.00% =

   (i) 1 (ii) 5 (iii) 2 (iv) 4 (v) 3

Assignment Key

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