EduSahara™ Assignment

Name : Word Problems on Percentages

Chapter : Percentage

Grade : ICSE Grade VII

1. Out of 17 articles, 2 were damaged. What is the percentage of good articles?

   (i) 90.24% (ii) 87.24% (iii) 88.24% (iv) 89.24% (v) 86.24%

2. Out of 460 articles, 23 were damaged. What is the percentage of good articles?

   (i) 94.00% (ii) 93.00% (iii) 96.00% (iv) 95.00% (v) 97.00%

3. The cost of an article is ₹80.00. If it is increased by 7.00%, what is the new cost of the article?

   (i) ₹83.60 (ii) ₹87.60 (iii) ₹86.60 (iv) ₹85.60 (v) ₹84.60

4. The cost of an article is ₹430.00. If it is increased by 32.00%, what is the new cost of the article?

   (i) ₹569.60 (ii) ₹565.60 (iii) ₹567.60 (iv) ₹568.60 (v) ₹566.60

5. The cost of an article is ₹30.00. If it is decreased by 2.00%, what is the new cost of the article?

   (i) ₹30.40 (ii) ₹29.40 (iii) ₹27.40 (iv) ₹28.40 (v) ₹31.40

6. The cost of an article is ₹410.00. If it is decreased by 46.00%, what is the new cost of the article?

   (i) ₹223.40 (ii) ₹222.40 (iii) ₹219.40 (iv) ₹221.40 (v) ₹220.40

7. If initial value is V, new value after r% increase is

   (i) $\frac{100 - r}{r} \times V$ (ii) $\frac{100 + r}{r} \times V$ (iii) $\frac{100 + r}{100} \times V$ (iv) $\frac{100 - r}{100} \times V$

8. If initial value is V, new value after r% decrease is

   (i) $\frac{100 + r}{100} \times V$ (ii) $\frac{100 - r}{r} \times V$ (iii) $\frac{100 + r}{r} \times V$ (iv) $\frac{100 - r}{100} \times V$

9. In a school of 700 students, 105 students are boys. The number of boys who failed the final exam is 75. The number of girls who failed is 355. The percentage of boys who passed the exam =

   (i) 29.57% (ii) 28.57% (iii) 26.57% (iv) 30.57% (v) 27.57%

10. In a school of 300 students, 90 students are boys. The number of boys who failed the final exam is 30. The number of girls who failed is 100. The percentage of girls who passed the exam =

    (i) 51.38% (ii) 53.38% (iii) 52.38% (iv) 50.38% (v) 54.38%

11. In a school of 400 students, 40 students are boys. The number of boys who failed the final exam is 20. The number of girls who failed is 270. The percentage of boys who failed the exam =

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

12. In a school of 800 students, 440 students are boys. The number of boys who failed the final exam is 190. The number of girls who failed is 260. The percentage of girls who failed the exam =

    (i) 74.22% (ii) 70.22% (iii) 71.22% (iv) 73.22% (v) 72.22%

13. In a school of 900 students, 540 students are boys. The number of boys who failed the final exam is 210. The number of girls who failed is 110. The percentage of students who passed the exam =

(i) 63.44% (ii) 64.44% (iii) 65.44% (iv) 66.44% (v) 62.44%

14. In a school of 900 students, 405 students are boys. The number of boys who failed the final exam is 235. The number of girls who passed is 180. The percentage of girls who failed the exam =

(i) 61.64% (ii) 63.64% (iii) 64.64% (iv) 65.64% (v) 62.64%

15. In a school of 400 students, 180 students are boys. The number of boys who failed the final exam is 120. The number of girls who passed is 160. The percentage of students who passed the exam =

(i) 57.00% (ii) 56.00% (iii) 55.00% (iv) 53.00% (v) 54.00%

16. In a school of 500 students, 225 students are boys. The number of boys who failed the final exam is 105. The number of girls who passed is 60. The percentage of students who failed the exam =

(i) 65.00% (ii) 66.00% (iii) 63.00% (iv) 62.00% (v) 64.00%

17. In a school of 800 students, 400 students are boys. The number of boys who failed the final exam is 290. The percentage of girls who passed is 37.50%. The number of girls who passed the exam =

(i) 148 (ii) 152 (iii) 149 (iv) 150 (v) 151

18. In a school of 200 students, 80 students are boys. The number of boys who failed the final exam is 30. The percentage of girls who passed is 50.00%. The number of girls who failed =

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

Assignment Key

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