1. Out of 46 articles, 1 were damaged. What is the percentage of good articles?

   (i) 96.83% (ii) 97.83% (iii) 99.83% (iv) 95.83% (v) 98.83%

2. 2.00% of a number is 7.00. What is 4.00% of the number?

   (i) 15 (ii) 16 (iii) 12 (iv) 13 (v) 14

3. The cost of an article is ₹90.00. If it is increased by 8.00%, what is the new cost of the article?

   (i) ₹95.20 (ii) ₹97.20 (iii) ₹99.20 (iv) ₹96.20 (v) ₹98.20

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

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

5. The population of a city is 30000. If the rate of increase in population is 5.00% per annum, what is the population after 2 year(s)?

   (i) 33065 (ii) 33095 (iii) 33055 (iv) 33075 (v) 33085

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

   (i) 16997 (ii) 16987 (iii) 17007 (iv) 16977 (v) 16967

7. If 6.00% and 7.00% are two successive changes, then the overall change is

   (i) 14.42% (ii) 13.42% (iii) 12.42% (iv) 11.42% (v) 15.42%

8. The present value of a machine is ₹3000.00. Suppose it depreciates at the rate of 8.00% per annum, what is the value of the machine after 3 year(s)?

   (i) ₹2335.06 (ii) ₹2336.06 (iii) ₹2334.06 (iv) ₹2337.06 (v) ₹2338.06

9. The present value of a machine is ₹8000.00. Suppose it depreciates at the rate of 9.00% per annum, what was the value of the machine 4 year(s) ago?

   (i) ₹11668.06 (ii) ₹11665.06 (iii) ₹11666.06 (iv) ₹11664.06 (v) ₹11667.06

10. If the price of a commodity increases by 6.00%, the reduction in consumption so as not to increase the expenditure is

   (i) 5.66% (ii) 6.66% (iii) 7.66% (iv) 3.66% (v) 4.66%

11. If the price of a commodity decreases by 5.00%, the increase in consumption so as to match the expenditure is

   (i) 6.26% (ii) 7.26% (iii) 5.26% (iv) 3.26% (v) 4.26%

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

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

13. If 'a' is short of 'b' by 6.00%, then 'b' exceeds 'a' by

   (i) 8.38% (ii) 5.38% (iii) 4.38% (iv) 7.38% (v) 6.38%

14. If the radius of a circle is decreased by 4.00%, its area will decrease by

(i) 5.84% (ii) 7.84% (iii) 9.84% (iv) 8.84% (v) 6.84%

Assignment Key

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