ARCHITA EDUCENTER

CLASS-VIII-MATHS-MOCK-TEST(SET-1)

SECTION-A

1. Express: 150gm as a percentage of 6kg.

2. The price of a scooter was Rs. 34000 last year. This year its price is Rs. 40800. Find its percentage increase or decrease in price.

3. On reducing the price of a shirt by 8%, it becomes Rs. 423.20 what was its original price?

4. A fruit-vendor buys certain number of orange. If the selling price of 6 orange is equal to the cost price of 5 orange, find his profit or loss percentage.

5. On selling a bag for Rs. 704,a shopkeeper suffers a loss of 12%. At What price should he sell it to gain 7.5% ?

6. A wardrobe is sold at Rs. 5510 after allowing a discount of 5%. Find its marked price.

7. S.P. of a video game is Rs,749 including 7% GST. The original price of video game is-

8. Rajesh bought an A.C. for Rs 38500 including 10% GST. Find the price of A.C. before GST was added.

9. How long will it take a certain sum of money to triple itself at 13 1/3% per annum simple interest?

10. Calculate the compound interest on Rs. 6000% at 10% per annum for two years.

11. Find the amount to be paid at the end of 6 months on Rs,1800 at 8% per annum compounded quarterly.

12. A farmer sells his product at a loss of 8%. If his S.P. was Rs. 27600, what **was** his actual loss? What was his cost price?

13. On increasing the salary of a man by 25%, it becomes Rs, 20,000. What was his original salary?

14. In an examination 8% of the students fail. What percentage of the students pass? If 1650 students appeared in the examination, how many passed?

15. Find the interest on Rs.1200 at 6% per annum for 146 days.

16. If interest on Rs, X for 2 years at R % per annum is Rs.80, then interest on Rs 2x for one years at R % per annum is-

17. If the cost price of 15 pens is equal to the selling price of 20 pens, than the loss per cent is-

18. On the selling an article for Rs.144a man loses 10%. At what price should he sell it to gain 10%.

19. In how many years will Rs, 750 amount to Rs.900 at 4% per annum?

20. A sum of money doubles itself in 8 years. What is the rate of interest?