

# JSUNIL TUTORIAL

D U N J A B I C O L O N Y G A L I O I

1. By selling an article for Rs. **144**, A man loses  $\frac{1}{7}$  of his outlay. if it is sold for **Rs189** what is the gain or loss percent
2. A tricycle is sold at a gain of **15%** .Had it been sold for Rs 27 more, the profit would have been 20% find the cost price.
3. If manufacture gains 10%, the wholesale dealer 15%, and the retailer 25%. Than what is the production cost of a washing machine whose retail price Rs 3795.
4. Mr. Mehta purchased a video for Rs 18000 and a television for Rs 10500. On the video he lost 5% and on the television he gained 17% . Find his total gain or loss percent?
5. Three chairs are purchase for Rs 450 each. One of them is sold at a loss of 10% At what price should the other two be sold as to gain 20% on the whole transaction.
6. Prem buys equal quantities of two kinds of lemons at the rate of 6 for a rupee and 9 for a rupee. He mixes them together and sells the whole lot at 8 fore rupees. Find his gain or loss percent?
7. By selling a rickshaw for Rs2640, Ghanshyam loses 12%. For how much should he sell it to gain 12%?
8. A electrician sells a room heater for Rs. 322 getting  $\frac{1}{6}$ <sup>th</sup> of it cost price. Find his gain percent.
9. 9 A dealer bought 100 Cricket bats For Rs 40 each. He sells 20 of them at a gain of 5%. At what gain per cent must he sell the remainder So as to gain 20% on the whole?
10. 10 A man sold two radios at Rs 924 each. On one he gain 20% and the other he loss 20%. How much does he gain or lose in the whole transaction. Also find the gain or loss percent in the whole transaction.
11. In how much time will a sum become double of itself at 12.5% per annum simple interest?
12. A sum of money becomes  $\frac{8}{5}$  of itself in 5years at a creation rate of simple interest. Find the rate.
13. karim deposit a sum of Rs9000 in a bank after 2year he withdraw Rs 4000 and at the end of 5years, he received R7640 . Find the rate
14. Divide Rs 3000 into two parts so that the simple interest on the first part for 4 years at 8% per annum is equal to the simple interest on the second part for 2years at 9% per annum.
15. Divide Rs 6000 into two parts so that the simple interest on the first part for 9 months at 12 % per annum is equal to the simple on second part for  $1\frac{1}{2}$  years at 10% per annum.
16. Divide 3600 into two parts such that if one part be lent at 9% per annum and other at 10% per annum .The total annual income is Rs 333.
17. Minakshi deposited a sum of Rs 8000 in a bank. After one year she withdraws Rs 2000. At the end of 3yrs. She received Rs 7800. Find the rate?
18. Hari and Ajit borrowed Rs 8000 and Rs 6250 respectively at same rate of interest for 3 years. If Hari paid an interest of Rs 735 more than Ajit. Find the rate?
19. A merchant borrowed Rs 25000 from two money tenders. For one loan he paid 12% per annum simple interest and for the other he paid 14% per annum. The total interest paid by him in one year was Rs 3260. How much did he borrow at each rate?
20. Kanti borrowed some money from bank at 8% per annum simple interest and lent the entire Amount to Satish on the same day at 12% per annum. After 3 years, He gained Rs 420. Find the sum.