

Shares and Dividend

1. A man invests Rs.3960 in shares of a company which pays 15% dividend at a time when a Rs.25 share costs Rs.33. Find:
 - a. The number of shares he bought.
 - b. The annual income from his shares
 - c. The rate of interest which he gets on his investment.
2. A man sold 400 (Rs.20) shares paying 5% at Rs.18 and invested the proceeds in (Rs.10) shares, paying 7% at Rs.12. How many (Rs.10) shares did he buy and what was the change of income?
3. A man invests Rs.13500 partly in 6% Rs.100 share at Rs.140 and partly in 5% Rs.100 shares at Rs.125. If his total income is Rs.560, how much has he invested in each?
4. A man buys a Rs.80 share in a company, which pays 20% dividend. He buys the share at such a price that his profit is 16% on his investment. At what price did he buy the share?
5. Which is a better investment: 12% Rs.100 shares at 120 or 8% Rs.100 shares at 90?
6. John had 1,000 shares of a company with a face value Rs.40 and paying 8% dividend. He sold some of these shares at a discount of 10% and invested the proceeds in Rs.20 shares at a premium of 50% and paying 12% dividend. If the change in his income is Rs.192, find the number of shares sold by John.
7. Rohit invested Rs.9600 on Rs.100 shares at Rs.20 premium paying 8% dividend. Rohit sold the shares when the price rose to Rs.160. He invested the proceeds (excluding dividend) in 10% Rs.50 shares at Rs.40. Find the:
 - a. Original number of shares.
 - b. Sale proceeds
 - c. New number of shares.
 - d. Change in the two dividends.
8. A company declares a dividend of 8% on Rs.100 shares. Atul buys such shares and gets 10% on his investment. At what price does he buy each share?
9. Amit owns 1500, Rs.25 shares of a company which declares a dividend of 14%. He sells the shares at Rs.40 each and invests the proceeds in 8%, Rs.100 shares at Rs.80. What is the change in his annual dividend income.

10. Sachin and Dhoni invest Rs.36000 each in buying shares of two companies. Sachin buys 15% Rs.40 shares at a discount of 20%, while Dhoni buys Rs.75 shares at a premium of 20%. If both receive equal dividends at the end of the year, find the rate percent of the dividend declared by Dhoni's company.

Answers:

1. 120, Rs.2160, 22.5% 2. 600, Rs.20 3. Rs.7000, Rs.6500

4. 100 5. First Investment 6. 600

7. 80 shares, Rs.12800, 320 shares, 960

8. 80 9. 750 10. 22.5%

MBT