

Q) A man invests Rs.4500 in shares of company which is paying 7.5% dividend.If Rs.100 shares are available for discount 10%

Find:

1)number of shares he purchased.

2)his annual income.

Ans:Given,

Investment = Rs.4500

Dividend = 7.5 %

share = Rs . 100

final amount = 100- 10% of 100

= 100 -10

=Rs . 90

Since,

$$\text{number of shares} = \frac{\text{investment}}{\text{finalamount}}$$

$$\text{number of shares} = \frac{4500}{90} = 50$$

since,

$$\text{annual income} = \frac{\text{number of shares} \times \text{dividend percentage} \times \text{final value}}{100}$$

$$\text{so annual income} = 50 \times 7.5 = \text{Rs.}375.$$