

Stocks and Shares Aptitude Questions and Answers Pdf

1. Find out the income percent of a buyer on 5% debentures of face value Rs. 95 and available in the market for Rs. 125.

- a. 4.8%
- b. 5.8%
- c. 3.8%
- d. 2.8%

Ans: C

(c) The market value of a debenture = ₹125

∴ Income on ₹125 is ₹5.

∴ Income on ₹95 is ₹ $\left(\frac{5}{125} \times 95\right) = ₹ \frac{19}{5}$.

∴ Per cent income on the debentures is 3.8%

2. A person has deposited Rs.13200 in a bank which pays 14% interest. He withdraws the money and invests in Rs.100 stock at Rs.110 which pays a dividend of 15%. How much does he gain or lose.

- a. Loses Rs. 48
- b. Gains Rs.48
- c. Loses Rs. 132
- d. Gains Rs. 132

Ans: A

Income from bank = 14% of ₹ 13200 = ₹ 1848.

Number of shares purchased = ₹ $\left(\frac{13200}{110}\right) = ₹ 120$.

Income from stock

= (15% of ₹ 100) × 120 = ₹ (15 × 120) = ₹ 1800.

∴ Loss = ₹ (1848 – 1800) = ₹ 48.

3. A wants to secure an annual income of Rs.1500 by investing in 15% debentures of face value of Rs.100 each and available for Rs.104 each. If the brokerage is 1% then the sum of money he should invest is

- a. Rs. 10504
- b. Rs. 10784
- c. Rs. 15000

d. Rs. 19642

Ans: A

Income on each debenture = 15% of ₹ 100 = ₹ 15.

Number of debentures required = ₹ $\left(\frac{1500}{15}\right)$ = ₹ 100.

Cost of each debenture

= ₹ (104 + 1% of 104) = (104 + 1.04) = ₹ 105.04.

∴ Total investment = ₹ (105.04 × 100) = ₹ 10504.

4. A company declared a semiannual dividend of $7\frac{1}{2}\%$. Find out the annual dividend of Chetan, owning 1250 shares of the company having a par value of Rs.10 each.

A. Rs. 1875

b. Rs. 1757

c. Rs. 1680

d. Rs. 1575

Ans: A

(a) Annual dividend on one share = $\left(2 \times 7\frac{1}{2}\right)\%$
i.e., 15% of ₹10

= $\left(\frac{15}{100} \times 10\right)$ = ₹1.50

∴ Annual dividend on 1250 shares

= ₹(1250 × 1.50) = ₹1875.

5. A medicine company issued 125000 shares of par value of Rs.20 each. If the total dividend declared by the company is Rs. 375000, find out the rate of dividend paid by the company.

a. Rs. 15%

b. Rs. 13%

c. Rs. 10%

d. Rs. 14%

Ans: A

(a) Number of shares = 125000

Par value of a share = ₹20

∴ Total par value of 125000 shares

$$= ₹(1250000 \times 20) = ₹2500000$$

Total dividend = ₹375000

∴ Rate of dividend paid by the company

$$= \left(\frac{375000}{2500000} \times 100 \right) \% = 15\%.$$