Stocks , Shares and Debentures-3

Model Exam Question paper - 3

11th Standard

Business Maths

Reg.No. : | | | | | | |

I.Answer all the questions

Time : 01:05:00 Hrs — Total Marks : 50

Part-A — 4 x 1 = 4

1) The investment required to buy a stock of Rs. 10,000 at a premium of 10% is

(a) Rs 6000 (b) Rs 5300 (c) Rs 5200 (d) Rs 5100

2) The sale proceeds on the sale of a stock of Rs 10, 000 at a premium of 10% is

(a) Rs 12,000 (b) Rs 11,000 (c) Rs 6,000 (d) Rs 12, 500

3) By investing Rs 8,000 in the Stock market for the purchase of the shares of face value Rs. 100 of a company. Mr. Ram gets an income of Rs. 200, the dividend begin 10% .Then the market value of each is

(a) Rs 280 (b) Rs 250 (c) Rs 260 (d) Rs 400

4) The yield from 9% stock at 90 is

(a) 6% (b) 10% (c) 7% (d) .6.5%

Part-B — 4 x 2 = 8

5) Which is better investment: 20% stock at 140 or 10% stock at 70?

6) How much would a person lose by selling Rs.4,250 stock at 87 if he had bought it at 105?

7) Kamal sold Rs. 9,000 worth 7% stock at 80 and invested the proceeds in 15% stock at 120. Find the change in his income.

8) Equal amounts are invested in 12% stock at 89 and 8% stock at 95. If 12% stock brought Rs.120 more by way of dividend income than the other, find the amount invested in each stock.

Part-C — 6 x 3 = 18

9) Find the yield on 20% stock at 80.

10) A man bought 6% stock of Rs.12,000 at 92 and sold it when the price rose to 96. Find his gain.

11) Find the brokerage paid by Ram on his sale of Rs.400 shares of face value Rs.25 at $\frac{1}{2}$% brokerage.

12) A person buys a stock of face value Rs. 5,000 at a discount of $9\frac{1}{2}$%, paying broker age at $\frac{1}{2}$%. Find the purchase price of the stock.

13) Find the investment required to get an income of Rs. 1938 from $9\frac{1}{2}$% stock at 90.

14) The capital of the company is made up of 50,000 preferences shares with a dividend of 16% and 25000 ordinary shares. The par value of each of preference and ordinary shares is Rs.10. The company had a total profit of Rs.1,60,000. If Rs. 20,000 were kept in reserve and Rs.10,000 in depreciation fund, what percent of the dividend is paid to the ordinary share holders.

Part-D — 4 x 5 = 20

15) A company total capital of Rs. 3,00,000 consists of 1000 preferential shares of 10% stock and remaining equality stock. In a year, the company decided to distribute Rs.20,000 as a dividend. Find the rate of divided for equality stock if all the shares have a face value of Rs. 100

16) Shiva paid Rs.105 to a broker for buying 70 shares of face value Rs.100. Find the rate of brokerage.

17) A company has a total capital of Rs.5,00,000 divided into 1000 preference shares of 6% dividend with par value of Rs.100 each and 4000 ordinary shares of par value of Rs.100 each. The company declares an annual dividend of Rs. 40000. Find the dividend received by Mr. Gopal having 100 preferences shares and 200 ordinary shares.

18) Find the effective rate of return on 15% debentures of face value Rs.100 issued at a premium of 2% interest being paid quarterly.

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