

YIELD METHOD



- 38. From the following information, calculate the value of an equity share :
 - (a) Paid up capital of a company consists of 1,000 15% preference shares of ₹ 100 each and 20,000 equity shares of ₹ 10 each.
 - (b) The average annual profits of the company after providing for depreciation and taxation amounted to ₹ 75,000. It is considered necessary to transfer ₹ 10,000 to general reserve before declaring any dividend.
 - (c) The normal return expected by investors on equity shares from the type of business carried on by the company is 10%.

39. From the following information, calculate the value per equity share:

2,000 9% preference shares of ₹ 100 each

50,000 equity shares of ₹ 10 each, ₹ 8 per share paid up

Expected profit per year before tax

Rate of tax

Transfer to general reserve every year 20% of the profit

Normal earning rate

15% [ICSI, Inter.

₹ 2,00,000

₹ 4,00,000

₹ 2,18,000

50%

40. Calculate the value of each equity share from the following information:

(i) 60,000 equity shares of ₹ 10 each, ₹ 7 paid up.

(ii) ₹ 2,00,000 10% preference shares of ₹ 100 each fully paid up.

(iii) Expected annual profits before tax ₹ 4,00,000.

(iv) Tax rate 35%.

(v) Transfer to general reserve 20%.

(vi) Normal rate of return 20%.

[C.U., B.Com. (Hons.) '10

41. From the following figures, calculate the value of a fully paid equity share of ₹ 10 on (a) Dividend basis; and (b) Return on capital employed basis, assuming in each case the market expectation to be 12%.

Year ended	Capital employed	Profit earned	Dividend
*	₹	₹	
2011-12	50 crore	8 crore	12%
2012-13	80 "	16 "	15%
2013-14	100 "	22 "	18%
2014-15	120 "	30 "	20%

[ICSI, Inter. (June) '02 - Adapted

Prema Ltd.'s capital is ₹ 11,00,000 dividend in shares of ₹ 10 each. Of these, 40,00 shares are 8% preference and remaining are equity shares. The average profit (after tax @ 50%) earned during past 3 years is ₹ 1,50,000. In future, expenses will increase by ₹ 12,000 per annum. The expected yield for risk capital is 10% net of tax.

Find the value of equity shares.

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