

1) Explain the difference between the operating income approach and the cost of capital approach?

Operating Income approach

\* where a company that  
\* This approach measures a company's financial performance by subtracting operating expenses from gross profit.

Operating Income is a key indicator of a company's ability to generate profits and manage costs.

Net operating income (NOI) is:

$NOI = \text{Gross operating income} - \text{operating expenses}$

Operating Income approach also known as earnings before interest and taxes (EBIT)

Cost of capital approach

This approach measures the opportunity cost of investing in a company's project, compared to a similar-risk investment.

This cost of capital approach helps determine which investment opportunities have the highest potential return for a given level of risk.

$WACC = (\text{weight of debt} \times \text{cost of debt}) + (\text{weight of equity} \times \text{cost of equity}) + (\text{weighted of preferred stock} \times \text{cost of preferred stock})$

It evaluates the weighted average cost of capital (WACC) which represents the average rate of return a company must earn on its investments to satisfy its debt holders.

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