Break- Even Analysis (BEA)

Break-Even Analysis refer to analysis, of the break-even point (BEP). The BEP is defined as a no-profit or no-loss point. It is a technique for profit, planning and control and hardone is considered as a valuable managerial tool.

Break-even analysis in defined as analysis of costs and their possible impact on revenues and volume of the firm. Hence, it is also called the cost-volume-profit analysis. A firm is said to attain the BEP when it total revenue in equal to total cost. (TR = TC)

Assermptions:

- 1) · cost are classified rule fixed and Variable costs.
- a) Selling price does not change with volume changes. If does not consider the price discounts or cash discounts.
- 3) All the goods produced are sold. There in no closing stock.
- 4) There is only one product available for sale.

costrand gavezurs). Coraphical Representation: 0 LC Volume of production / Sales BEP. brof, 1 zone Total Reverme 7 TRC 250 6 Cost

Laus Lation:

- BEP and affect 3 to bared lotal severue. BEP. Z fixed cost, variable cost A change in one Variable
- So 29 It in applicable to short-period only P 450) Cannot be clamped Tillo fixed Available

Significance of BEA

- Volume. Analyze in profetona particulary level of rates
- Calculate salus sequired to earn a profit.
- To compare the efferency of the different firms.
- 1, to the existing productions or deep. To decide volution to add a particular product
- Decide while to make or buy a particular product
- Variable lost or selling price on BEP. To arren the support of changer or fixed toll,
- 7) Useful in Taising Manageral Decimon.

Delinusuelian of Break- Even Point: Selving Price = fixed cost + Namente cost + Profit.

Selling Pare - Variable lost = FC + Profit = contrabution

. Confirshation per lact 19 Selling pare per out -Variable cost pervuit

BEP 1 Unda

Fixed lost

11

Confixhation Magrin por out

Contribution Margin penuat 11

Selling price provide Variable lost put out

BEP By Value

11

Gred losh

Confirbution Monogra Ratio

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Controlaction Margin Ratio 17

Selling Price - Variable Will

Selling Price

Margin of Safety (units)

, 15 Number of who sold

B.E.pin uch

pr ratio 1) change in nel profit

change in sales

- 7 100