## **TABLE OF CONTENTS**

I.	PROPORTIONING PRODUCTION COSTS	5		
1.	The importance of proportioning costs for production planning	5 5 5		
2.	Proportional, fixed, over-proportional and under-proportional costs	5		
2.1.	Proportional costs	6		
2.2.	Fixed costs	6		
2.3.	Over-proportional costs	9		
2.4.	Under-proportional costs	11		
3.	Methods for proportioning production costs	11		
4.	Break-even point based on a comparison of the dynamics of sales and costs	12		
4.1.	Break-even point for zero value profitability ratio	12		
4.2.	Break-even point for minimal profitability of production	14		
5.	Break-even point based on a comparison of real and acceptable variable costs	15		
6.	The impact of taxes on the break-even point	16		
7.	Cash flow break-even point	17		
8.	Break-even point for non-linear functions of costs and sales	19		
9.	Break-even point in relation to cost/earning ratio	20		
9.1.	•			
		21		
II.	OPERATING LEVERAGE	23		
1.	Definition of operating leverage	23		
2.	Degree of operating leverage (DOL)	23		
2. 3.	Operating leverage for homogeneous production	24		
3.1.	Operating leverage in the case of proportional sales and proportional costs	24		
3.2.	Degree of operating leverage in the case of proportional sales and proportional costs	25		
3.3.	Operating leverage in the case of proportional sales and over-proportional costs	26		
4.	The relation of operating leverage to the break-even point	27		
٠. 5.	Strong and weak operating leverage	27		
5. 6.	Operating leverage for heterogeneous production	28		
7.	The general shape of operating leverage (non-linear)	30		
8.	The relation of operating leverage to the effects on the extent of production and the	50		
٥.	relative savings on fixed costs	33		
	-	33		
III.	FINANCIAL LEVERAGE	36		
1.	Definition of financial leverage	36		
2.	Definition of dependent variables for financial leverage	36		
3.	Positive and negative impact of financial leverage	38		
4.	Mathematical definition of financial leverage	39		
5.	Degree of financial leverage	39		
6.	Field of financial leverage	41		
7.	The dependence of return on equity on earnings before interest and taxes	42		
8.	The break-even point of financial leverage	43		
9.	Use of break-even analysis to assess debt financing	44		
10.	Financial leverage and risk	46		
11.	Business and financial risk	46		
12	Alternatives for debt financing in conditions of uncertainty	48		

IV.	TOTAL LEVERAGE	51
1.	The relations between operating and financial leverage	51
2.	Definition of total leverage	51
3.	Degree of total leverage	52
4.	The use of the degree of total leverage	52
5.	Losses incurred by proxy	53
LIST OF ABBREVIATIONS		54
REFERENCES		56