

**THE RELATIONSHIP BETWEEN GEARING RATIO AND
MARKET PRICE OF A SHARE
(TRADING / SERVICES SECTOR ON THE
KUALA LUMPUR STOCK EXCHANGE)**

**PREPARED BY :
HASMIDA ABU BAKAR**

**A DISSERTATION SUBMITTED TO THE INSTITUTE
TEKNOLOGI MARA IN FULFILLMENT OF REQUIREMENT
FOR THE ADVANCED DIPLOMA IN BUSINESS STUDY
(FINANCE)**

DATE OF SUBMISSION

MAY 1995

**THE RELATIONSHIP BETWEEN GEARING RATIO AND
MARKET PRICE OF A SHARE (TRADING / SERVICES
SECTOR ON THE KUALA LUMPUR STOCK EXCHANGE)**

TABLE OF CONTENTS

	Page
ACKNOWLEDGEMENT	i
ABSTRACT	ii
LIST OF ABBREVIATIONS	iii
LIST OF TABLES	iv
a) Table 1	
b) Table 2	
CHAPTER 1 : INTRODUCTION	
1.1 Introduction	1
1.2 Objectives of the study	2
1.3 Methodology	3
1.4 Scope and limitation	3
CHAPTER 2 : LITERATURE REVIEW	
2.1 Introduction	5
2.2 What is gearing ratio	5
2.3 Determining debt equity ratio	6
2.4 Business and financial risk	8
2.4.1 Business risk	8
2.4.2 Financial risk	9

2.5	Early theories of capital structure	9
2.5.1	The net income approach	10
2.5.2	The net operating income approach	11
2.5.3	The traditional approach	11
2.6	Modigliani and Miller	12
2.6.1	The Modigliani and Miller Models (MM)	12
2.6.2	The Miller Model	15
2.6.3	Critisms of MM and Miller theories	17
2.7	Evolution and choice of capital structure	19
2.8	A model of corporate financing decisions	20

**CHAPTER 3 : FACTORS AFFECTING THE SHARE
PRICE -SOME PRELIMINARY
CONSIDERATIONS** 22

CHAPTER 4 : ANALYSIS OF THE STUDY

4.1	Methodology of the analysis	24
4.1.1	SPSS	25
4.1.1.1	Correlation test	25
4.1.1.2	Coefficient of determination	26
4.1.1.3	Scatter diagram	27
4.1.1.4	Regression	28
4.1.1.5	t distribution test	29
4.1.2	Nonparametric approach	31
	Spearman's rank correlation coefficient	

ACKNOWLEDGEMENT

I wish to express my profound gratitude to my advisor, Puan Noryati Ahmad, for her guidance, advice and encouragement in the preparation of this project paper.

I am also indebted to the following peoples and institutions who have been involved in making my project paper a success.

- 1. Staffs of KLSE Library, Bank Negara Library and librarian of PTAR, Shah Alam in gathering the data needed.*
- 2. Encik Halim Husnin of Statistical Department for his assistance in printing the data.*
- 3. Puan Khatijah Kassim, statistics lecturer for her useful suggestions on statistical part.*
- 4. Friends who directly and indirectly helped in completing this study.*

Special appreciation for my parents and family members for their endless encouragement and support.

Last but not least a special thanks to Razali Hassan for all the love and sacrifice showed on me.

ABSTRACT

This project paper is mainly to study the relationship between gearing ratio and market price of a share for the companies listed under the trading/services sector on the Kuala Lumpur Stock Exchange (KLSE).

It is believed that the relationship exist between the two variables.

Statistical tests were applied, such as correlation, regression, degree of coefficient, scatter diagram and t distribution test to provide numerical evidence on the relationship. The nonparametric approach is used to support the first result.

The results throw some light to the question of the relationship. Based on the numerical testimony, there exist a weak positive relationship between gearing ratio and market price of a share.

Hasmida Abu Bakar
Shah Alam
May, 1995