RISK & RETURN ON COMMON STOCK INVESTMENT OF LISTED COMMERCIAL BANKS & FINANCE COMPANIES

By

RAVI KUMAR SHRESTHA

Patan Multiple Campus Patan Dhoka, Lalitpur T.U. Regd. No: 14406 – 95 Second year Symbol No. 1495

A Thesis Submitted to:

The Office of the Dean Faculty of Management Tribhuwan University

In the partial fulfillment of the requirement for the degree of Masters in Business Studies (M.B.S.)

> Patan Dhoka, Lalitpur August, 2009

RECOMMENDATION

This is to certify that the Thesis submitted by: RAVI KUMAR SHRESTHA

Entitled:

"RISK AND RETURN ON COMMON STOCK INVESTMENT OF LISTED COMMERCIAL BANKS & FINANCE COMPANIES"

has been prepared as approved by this Department in the prescribed format of the Faculty of Management. This thesis is forwarded for examination.

Baburam Singh Thapa (Thesis Supervisor)

Shiva Prasad Pokharel (Head of Res. Dept.) Krishna Badan Nakarmi (Campus Chief)

VIVA-VOCE SHEET

We have conducted the viva-voce examination of the thesis Submitted by:

RAVI KUMAR SHRESTHA

Entitled:

"RISK AND RETURN ON COMMON STOCK INVESTMENT OF LISTED COMMERCIAL BANKS & FINANCE COMPANIES"

and found the thesis to be original work of the student an written according to the prescribed format. We recommend the thesis to be accepted as partial fulfillment of the requirements for the

Master's Degree in Business Studies [M.B.S]

Viva-Voce Committee Head of Research Department:..... Member (Thesis supervisor):.....

Member (External Expert):..... Date:....

DECLARATION

I, hereby, declare that the work reported in the thesis entitled "Risk and Return on Common Stock Investment of Listed Commercial Banks & Finance Companies", submitted to Patan Multiple Campus, Faculty of Management, Tribhuvan Unversity, is my original work done in the form of partial fulfillment of the requirements of Master's Degree in Business Studies (M.B.S) under the supervision and guidance of Mr. Baburam Singh Thapa, Lecturer of Patan Mulitple Campus, Tribhuwan Unoiversity.

Date: August 17, 2009

Ravi Kumar Shrestha Researcher Patan Multiple Campus

ACKNOWLEDGEMENT

This thesis entitled, "**RISK AND RETURN ON COMMON STOCK INVESTMENT OF LISTED COMMERCIAL BANKS & FINANCE COMPANIES**" has been prepared in partial fulfillment for the degree of Master of Business Studies (M.B.S) under the supervision of Babu Ram Singh Thapa. It is my privilege of getting helps and co-operation form different persons and sources.

First and foremost, I would like to offer special thanks to Babu Ram Singh Thapa I also thank Patan Multiple Campus, Patan Dhoka the platform to implement my learning of MBS. I am deeply thankful to Krishna Badan Nakrmi Chief of Patan Multiple Campus for providing various facilities to prepare this thesis. I would like to thank the entire management and the staffs of Nepal Investment Bank Limited, Himalayan Bank Limited, Everest Bank Limited, Kathmandu Finance Limited, and National Finance Company Limited. I am very thankful to my friends Laxmi Shrestha, Lokendra Maharjan, Shree Krishna Shrestha, Bikash Shrestha and Sunil Shrestha for providing necessary suggestion during the preparation of thesis report. I could not remain without thanking to my teachers and lectures that all helped me during my study of MBS and during the preparation of this thesis report.

I especially appreciate my wife Mrs. Indra Kamal Shrestha and my father and mother who created the environment for my success.

I am very thankful to the librarians of Patan Multiple Campus, Central Library, TU Kirtipur for their kind co-operation. I am alone responsible for whatever weakness it may still contain.

> Ravi Kumar Shrestha Researcher

TABLE OF CONTENTS

Acknowledgement

Table of Contents

List of Tables

List of Figures

Abbreviations

Page No.
CHAPTER – I INTRODUCTION

1.1	General Background of the Study	1
1.2	Significance of the Study	7
1.3	Statement of the Problem	8
1.4	Objectives of the Study	9
1.5	Limitation of the Study	10
1.6	Organization of the Study	10

CHAPTER – II REVIEW OF LITERATURE

2.1 Conceptual / Theoretical Review12		
2.1.1	Investment	12
2.1.2	Common Stock	13
2.1.3	The Risk of Common Stock	16
2.1.4	The Risk on Common Stock	21
2.1.5	Relationship between Risk and Return	22
2.1.6	Portfolio	23
2.1.7	Systematic Risk and Unsystematic Risk	25
2.1.8	Capital Asset Pricing Model (CAPM)	27
2.2 Revie	ws from Journals	31
2.3 Revie	w of Other Independence Studies in Nepal	35
2.4 Revie	ws from Thesis	38
2.6 Resea	rch Gap	45

CHAPTER – III RESEARCH METHODOLOGY

3.1 Introduction	46	
3.2 Research Design	46	
3.3 Sources of Data	46	
3.4 Population and Sample	47	
3.5 Factors and Methods of Analysis	47	
3.5.1 Factors for Analysis	48	
3.5.2 Financial Tools	49	
3.5.3 Statistical Tools	55	
3.6 Methods of Analysis and Presentation		

CHAPTER – IV DATA PRESENTATION AND ANALYSIS

4.1 Analysis of Individual Commercial Banks	58	
4.1.1 Nepal Investment Bank Ltd. (NIBL)	59	
4.1.2 Himalayan Bank Ltd. (HBL)	62	
4.1.3 Everest Bank Ltd.(EBL)	66	
4.1.4 Kathmandu Finance Limited (KFL)	69	
4.1.5 National Finance Company Limited. (NFCL)	72	
4.2 Inter Banks and Finance Companies Comparison		
4.3 Market Capitalization	77	
4.4 Comparison with Market		
4.4.1 Market Risk and Return Analysis	78	
4.4.2 Market Sensitivity Analysis	81	
4.4.3 Required Rate of Return, Expected Rate of Return and Price		
Evaluation Analysis	86	
4.5 Portfolio Analysis		
4.5.1 Analysis or Risk Diversification		
4.6 Correlation between Banks Finance Companies	98	
4.7 Systematic and Unsystematic Risk		
4.7.1 Systematic Risk		

4.7.2 Unsystematic Risk	100
4.7.3 Systematic and Unsystematic Risk of NIBL with Market	100
4.7.4 Systematic and Unsystematic Risk of HBL with Market	101
4.7.5 Systematic and Unsystematic Risk of EBL with Market	101
4.7.6 Systematic and Unsystematic Risk of KFL with Market	102
4.7.7 Systematic and Unsystematic Risk of NFCL with Market	103
4.8 Testing of Hypothesis	104
4.8.1 Testing of Hypothesis Expected Return of NIBL with	
overall Market Return	104
4.8.2 Testing of Hypothesis Expected Return of HBL with	
overall Market Return	105
4.8.3 Testing of Hypothesis Expected Return of EBL with	
overall Market Return	107
4.8.4 Testing of Hypothesis Expected Return of KFL with	
overall Market Return	108
4.8.5 Testing of Hypothesis Expected Return of NFCL with	
overall Market Return	110
4.9 Major Findings of the Study	

CHAPTER – V SUMMARY, CONCLUSION AND RECOMMENDATIONS

5.1	Summary	115
5.2	Conclusion	116
5.3	Recommendations	117

Bibliography

Appendix

LIST OF TABLES

e No. Title	Page	
MPS, Dividend, EPS and P/E Ration of NIBL		
Expected Return, S.D. and C.V. of C.S. of NIBL		
MPS, Dividend, EPS and P/E Ration of HBL		
Expected Return, S.D. and C.V. of C.S. of HBL		
MPS, Dividend, EPS and P/E Ration of EBL		
Expected Return, S.D. and C.V. of C.S. of EBL	68	
MPS, Dividend, EPS and P/E Ration of KFL	70	
Expected Return, S.D. and C.V. of C.S of KFL	71	
MPS, Dividend, EPS and P/E Ration of NFCL	73	
Expected Return, S.D. and C.V. of C.S of NFCL	74	
Expected Return, S.D. and C. V. of each Bank		
and Finance Company	75	
Market Capitalization of listed Banks and		
Finance Companies at July 16, 2007 to July 15, 2008	77	
Calculation of Return, S.D. and C.V. of Overall Market	79	
Beta coefficient of C.S. of NIBL	81	
Beta Coefficient of the C.S. of HBL		
Beta Coefficient of the C.S. of EBL	83	
Beta Coefficient of each Bank	83	
Beta Coefficient of the C.S of KFL	84	
Beta Coefficient of the C.S. of NFCL	85	
Beta Coefficient of each Finance Company	85	
Interest Rate of T-bills issued for 91 days 2007/2008	86	
Required Rates of Return, Expected Return and		
Price Evaluation of selected commercial banks	87	
Required Rates of Return, Expected Return and Price Evaluation	l	
of selected Finance Companies	87	
	MPS, Dividend, EPS and P/E Ration of NIBL Expected Return, S.D. and C.V. of C.S. of NIBL MPS, Dividend, EPS and P/E Ration of HBL Expected Return, S.D. and C.V. of C.S. of HBL MPS, Dividend, EPS and P/E Ration of EBL Expected Return, S.D. and C.V. of C.S. of EBL MPS, Dividend, EPS and P/E Ration of KFL Expected Return, S.D. and C.V. of C.S of KFL MPS, Dividend, EPS and P/E Ration of NFCL Expected Return, S.D. and C.V. of C.S of NFCL Expected Return, S.D. and C.V. of C.S of NFCL Expected Return, S.D. and C.V. of C.S of NFCL Expected Return, S.D. and C. V. of each Bank and Finance Company Market Capitalization of listed Banks and Finance Companies at July 16, 2007 to July 15, 2008 Calculation of Return, S.D. and C.V. of Overall Market Beta coefficient of the C.S. of HBL Beta Coefficient of the C.S. of EBL Beta Coefficient of the C.S. of EBL Beta Coefficient of the C.S. of KFL Beta Coefficient of the C.S. of NFCL Beta Coefficient of each Finance Company Interest Rate of T-bills issued for 91 days 2007/2008 Required Rates of Return, Expected Return and Price Evaluation	

4.24	Portfolio Risk and Return	98
4.25	Correlation Matrix	99
4.26	Proportion of SR and USR	103

LIST OF FIGURES

Figur	re No. Title	Page		
No.				
4.1	Year and Price movement of the Common Stock of NIBL			
4.2	Annual Rate of Return of C.S. of NIBL			
4.3	Year and Price movement of C.S. of HBL			
4.4	Annual Rate of Return of C.S. of HBL			
4.5	Year and Market Price Movement of the C.S. of EBL 6			
4.6	Annual Return of C.S. of EBL 6			
4.7	Year and Market Price Movement of the C.S. of KFL			
4.8	Annual Return of C.S. of KFL			
4.9	Year and Market Price Movement of the C.S. of NFCL			
4.10	Annual Return of C.S. of NFCL			
4.11	Expected Return, S.D. and C.V. of each Commercial banks			
	Finance Companies	76		
4.12	Comparative Proportion of Market Capitalization of Listed			
	Commercial Banks & Finance Companies	78		
4.13	NEPSE Index Movements	80		
4.14	Market Return Movement			

ABBREVIATIONS

AGM	=	Annual General Meeting
BOKL	=	Bank of Kathmandu Limited
CAPM	=	Capital Assets Pricing Model
CS	=	Common Stock
CV	=	Coefficient of Variation
DPS	=	Dividend per Share
EBL	=	Everest Bank Limited
EMH	=	Efficient Market Hypothesis
EPS	=	Earning per Share
FY	=	Fiscal Year
HBL	=	Himalayan Bank Limited
HPR	=	Holding Period Return
JV	=	Joint Venture
MPS	=	Market Price of Share
NB Bank	=	Nepal Bangladesh Bank
NBL	=	Nepal Bank Limited
NEPSE	=	Nepal Stock Exchange
NIBL	=	Nepal Investment Bank Limited
HBL	=	Himalayan Bank Limited
EBL	=	Everest Bank Limited
KFL	=	Kathmandu Finance Limited
NFCL	=	National Finance Company Limited
NRB	=	Nepal Rastra Bank
SBI Nepal	=	State Bank of India Nepal
SCB	=	Standard Chartered Bank
SD	=	Standard Deviation
SML	=	Security Market Line
SR	=	Systematic Risk
TU	=	Tribhuwan University
USR	=	Unsystematic Risk