THE RISK AND RETURN ANALYSIS OF LISTED COMMERICIAL BANKS IN NEPAL

A Thesis Submitted to Shankar Dev College

Office of the Dean
Faculty of Management
Tribhuwan University

Submitted by Praveen Maharjan

TU Registration: 9981-95

Roll no.: 601/60

In partial fulfillment of the requirement for the Degree of *Master of Business Studies (MBS)*

> Kathmandu, Nepal March 2010

Approval Sheet

This is certify that thesis prepared by Deepak Thapa entitled "An assessment on the risk and return analysis of listed commercial Banks in Nepal has been prepared as part of the student's original research. The report has been prepared on the prescribed format approved by Faculty of Management studies, Purbanchal University. It is forwarded for examination by the concerned department of this institution.

Name of Thesis Supervisor: Mr. Dinesh Basnet	signature
Name of Head of Institution: Dr. Prof. K.D Koirala	signature

01/04/08

ACKNOWLEDGEMENTS

This research study on- An Assessment Risk and Return Analysis of Commercial Banks in Nepal, which is partial fulfillment of MBS program is based on the research entailing the use of statistical and financial tools and techniques as well as descriptive analysis to explain the Risk and Return parameters of commercial banks. The study depicts the basic attributes of stock market in relation with risks and return characteristics of the commercial banks measuring the total risk then systematic risk along with the realized rate of return and required rate of return. Source of data is secondary.

I wish to express my heartily gratitude to my dissertation supervisor, Shilu M. Bajracharya, lecturer of Shankar Dev College for her constant guideline and supervision that brought this study in this productive shape.

I also take this opportunity to my friends Mr. Surendra Shrestha who has provided me enough support to create conductive environment to carry out my study.

Like wise, I also thanks to the librarians of Securities Board of Nepal, Nepal Rasta Bank and Shankar Dev College and T.U. whose support and cooperation made my research easier and convenient.

Praveen Maharjan

We have conducted the viva-voce examination of the thesis prepared by Mr. Deepak Thapa

Entitled

An Assessment on the Risk and Return Analysis of Listed Commercial Banks in Nepal.

We have found the thesis as the student's original research work and has been Prepared on the prescribed format approved by Faculty of Management Studies,

Purbanchal University.

We recommend the thesis to be accepted as partial fulfillment of the requirement for the Masters Degree in Business Administration (MBA).

Name of Thesis SupervisorSignatureName of External ExpertSignatureName of Chairperson of Research CommitteeSignature

Date:

TABLE OF CONTENTS

Recommendation

Viva-Voce Sheet

Declaration

Acknowledgement		
Table of Content		
List of Tables		
List of Figure		
Abbreviation		
	Page n	0.
Chapter I: INTRODUCTION	1-7	
1.1 Background of the study	1	1.2 Focus of
the study	2	
1.3 Statement of the problem	3	
1.4 Objective of the study	4	
1.5 Significance of the study	5	
1.6 Limitation of study	6	
1.7 Organization of study	6	
Chapter II: REVIEW OF LITERATURE	8-35	
2.0 Introduction	8	
2.1 Theoretical review	8	
2.1.1Concept of Capital Market	8	
2.1.2 Development of Capital Market in Nepal	10	
2.1.3 Meaning of Risk	12	
2.1.4 Sources of Risk	14	
2.1.5 Types of Risk	19	
2.1.6 Meaning of Return	20	

2.1.7 Expected Rate of Return	22
2.1.8 Capital Asset Pricing Model (CAPM)	22
2.1.9 Over, Under and Fairly Pricing of Securities	25
2.2. Review of Related Studies	25
2.2.1 Review of Related Thesis	28
2.3 Research Gap	34
Chapter III: RESEARCH METHODOLOGY	36-43
3.0 Introduction	36
3.1 Research Design	36
3.2 Population and Sample	36
3.3 Source of Data	37
3.4 Data Collection Techniques	37
3.5 Data Analysis Tools	38
3.5.1 Financial Tools	38
3.5.1.1 CAPM or Security Market Line (SML)	38
3.5.1.2 Risk Premium	39
3.5.1.3 The Expected Rate of Return	39
3.5.1.4 Beta Coefficient	40
3.5.1.5 Systematic Risk	41
3.5.1.6 Unsystematic Risk	41
3.5.1.7 Correlation Coefficient	41
3.5.2 Statistical Tools	42
3.5.2.1 Average Rate of Return	42
3.5.2.2 The Standard Deviation	42
3.5.2.3 The Coefficient of Variation	43
Chapter IV: DATA PRESENTATION AND METDOLOGY	44-62
4.0 Introduction	44
4.1Data Presentation and Analysis	44
4.1.1 Analysis of Historical Return of Sample Banks	44
4.1.1.1 Analysis and Historical Return on common stock of	NABIL
Bank	45

4.1.1.2 Analysis and Historical Return on common stock of HBL	
Bank	46
4.1.1.3 Analysis and Historical Return on common stock of NIB	
Bank	48
4.1.1.4 Analysis and Historical Return on common stock of EBL	
Bank	49
4.1.2 Comparative Analysis of Historical Return on common	
Stock of sampled Banks	51
4.1.3 Analysis of Commercial Bank Return on Common stock	
with Market Rate of Return	54
4.1.4 Comparison between Average Rate of Return on Common	
Stock and required Rate of Return of Commercial Bank	
Index in Nepal	55
4.1.5 Risk Analysis	56
4.1.5.1 Risk Analysis of NABIL Bank	57
4.1.5.2 Risk Analysis of HBL Bank	57
4.1.5.3 Risk Analysis of NIB Bank	58
4.1.5.4 Risk Analysis of EBL Bank	59
4.1.5.5 Comparative Analysis of Four Sampled Banks	60
4.2 Correlation Between risk and Expected Return	61
4.3 Major Findings of the Study	61
Chapter IV: SUMMARY, CONCLUSIONS AND RECOMMENDATION	NS63-67
5.0 Introduction	63
5.1 Summary	63
5.2 Conclusions	65
5.3 Recommendations	66

BIBLIOGRAPHY APPENDICES

LIST OF TABLES

	Page no.
4.1 Historical Return and Average Rate of Return on Common	
Stock of NABIL	45
4.2 Historical Return and Average Rate of Return on Common	
Stock of HBL	46
4.3 Historical Return and Average Rate of Return on Common	
Stock of NIB	48
4.4 Historical Return and Average Rate of Return on Common	
Stock of EBL	50
4.5 Comparative Analysis of Historical Return on Common	
Stock of Sampled Banks	52
4.6 Expected Market Return and Commercial Banks returns on	
Common Stock	54
4.7 Comparison between Average Rate of Return and Required	
Rate of Return on Common Stock of Commercial Bank	s 56
4.8 Risk Analysis of NABIL Bank	57
4.9 Risk Analysis of HBL Bank	58
4.10 Risk Analysis of NIB Bank	58
4.11 Risk Analysis of EBL Bank	59
4.12 Comparative Analysis of Four Sampled Bank	60
4.13 Correlation between Risk and Expected Return	61

LIST OF FIGURES

	Page no.
4.1 Trend Line of Historical Return of NABIL Bank	46
4.2 Trend Line of Historical Return of HBL Bank	47
4.3 Trend Line of Historical Return of NIB Bank	49
4.4 Trend Line of Historical Return of EBL Bank	51
4.5 Comparative Analysis of Historical Return on Common	
Stock of Sample Banks	53
4.6 Expected Market Return and Commercial Banks Returns	55

LIST OF ABBREVIATIONS USED

= Beta coefficient

B.S = Bikram Sambat

CAPM= Capital Asset Pricing Model

CS= Common Stocks

Div= Dividend

DPS= Dividend per Year

EBL= Everest Bank Limited

F/Y = Fiscal Year

HBL= Himalayan Bank Limited

MPS= Market Per share

NABIL= Nabil Bank Limited

NEPSE= Nepal Stock Exchange

NIB= Nepal Investment Bank

NRB= Nepal Rastra Bank

T.U= Tribhuwan University

 $R_{F} = Risk Free Rate$

 R_J = Year end Market Return

RP= Risk premium

Rs. = Nepalese Rupee

SEBO/N= Security Board Nepal