### UNIVERSITI TEKNOLOGI MARA

## THE DETERMINANTS OF INFLATION IN MALAYSIA

### NURUL ASYIFA BINTI MAT 2016854756

# BBA (Hons) Business Administration Finance

December 2019

ABSTRACT

Inflation becomes one of the serious matters over a period of time. It can be said that,

throughout the past few year, Malaysia's also was affected by the severe Asian financial

crisis and sharp depreciation of the ringgit in 1997 – 1998. This study is to investigate the

determinant of inflation factors that affecting growth economy of Malaysia. Data was

collected in a series from year 1989 to 2018 (30 years) and cross refer to the previous

researcher. This paper was run by several tests using descriptive analysis, stationary test by

Augmented Dickey-Fuller (ADF) Test, correlation test, regression analysis and test on

assumption. The dependent variable used in this study is Inflation (INF) with the good

understanding of the independent variables which is money supply, exchange rate and

unemployment rate.

**Key words**: Inflation, Economic growth, money supply, exchange rate, unemployment rate

iii

#### **ACKNOWLEDGEMENT**

Alhamdulillah, my deepest gratitude goes to Allah SWT for giving me strength and will in completing this study. This study has taken a lot of time, energy and money yet I able to finish this in a given time due to the strong will. A lot of people involved during the process in completing this study.

First of all, I would like to express a million thanks to Miss Nurul Haida Binti Johan for giving me a very helpful and useful guidance through numerous consultations. Besides that, she is also very committed in helping me feel more motivated in completing this study.

My family and my friends also was play big role along the process of completing this study. The support and encouragement do gave much help to me. All the suggestions, morale support, money, time and energy give me inspiration and will to do the best for this study. I thanked all the people who directly and indirectly involved in this process.

### TABLE OF CONTENT

|                             |                        | Pa  | ge |  |
|-----------------------------|------------------------|-----|----|--|
| AUTHOR'S DECLARATION        |                        |     |    |  |
| ABSTRACT                    |                        | iii |    |  |
| ACKNOWLEDGMENT              |                        | iv  |    |  |
| TABLE OF CONTENT            |                        |     |    |  |
| LIST OF TABLES              |                        |     |    |  |
| LIST OF FIGURES             |                        |     |    |  |
| LIST OF ABBREVIATIONS       |                        |     |    |  |
|                             |                        |     |    |  |
| CHAPTER ONE INTRODUCTION    |                        |     |    |  |
| 1.1 Introduction            |                        |     |    |  |
| 1.2 Background of Study     |                        |     |    |  |
| 1.3 Problem Statement       |                        |     |    |  |
| 1.4 Research Questions      |                        |     |    |  |
| 1.5 Research Objectives     |                        | 6   |    |  |
| 1.6 Significance of Study   |                        | 7   |    |  |
| 1.7 Scope Of Study          |                        | 7   |    |  |
| 1.8 Limitation of Study     |                        | 8   |    |  |
| 1.9 Definition of Key Terms |                        | 9   |    |  |
| 1.9.1                       | Inflation (INF)        | 9   |    |  |
| 1.9.2                       | Money Supply (MS)      | 9   |    |  |
| 1.9.3                       | Exchange Rate (ER)     | 9   |    |  |
| 1.9.4                       | Unemployment Rate (UR) | 9   |    |  |
| 1.10 Summary                |                        |     |    |  |

| CHAPTER TWO LIȚERATURE REVIEW |                           |   | 11 |
|-------------------------------|---------------------------|---|----|
| 2.1                           | Introduction              |   |    |
| 2.2                           | 2 Theoretical Review      |   |    |
| 2.3                           | 2.3 Empirical Literature  |   | 13 |
|                               | 2.3.1                     | Inflation and Money Supply                            | 13 |
|                               | 2.3.2                     | Inflation and Exchange Rate                           | 15 |
|                               | 2.3.3                     | Inflation and Unemployment Rate                       | 17 |
| 2.4                           | 2.4 Theoretical Framework |   |    |
|                               |                           |   |    |
| CH                            | APTER T                   | THREE RESEARCH METHODOLOGY                            | 20 |
| 3.1                           | 3.1 Introduction          |   | 20 |
| 3.2                           | 3.2 Sample of Data        |   |    |
| 3.3                           | 3.3 Data Collection       |   |    |
| 3.4                           | Variables                 |   | 21 |
|                               | 3.4.1                     | Dependent Variables                                   | 21 |
|                               | 3.4.2                     | Independent Variables                                 | 21 |
| 3.5 Research Hypothesis       |                           |   | 22 |
| 3.6                           | Econome                   | tric Method   | 23 |
|                               | 3.6.1                     | Descriptive Analysis                                  | 23 |
|                               | 3.6.2                     | Stationary Test – Augmented Dickey – Fuller (ADF)     | 23 |
|                               | 3.6.3                     | Correlation Test: Co-variance Analysis                | 24 |
|                               | 3.6.4                     | Regression Analysis: Multiple Linear Regression Model | 24 |
|                               | 3.6.5                     | F-Test  | 25 |
|                               | 3.6.6                     | Coefficient of Determination (R <sup>2</sup> )        | 25 |
|                               | 3.6.7                     | Adjusted $R^2(\overline{R}^2)$                        | 26 |
|                               | 3.6.8                     | Durbin Watson Test                                    | 26 |