

ABSTRACT

RESERVE INSURANCE STUDY WITH THE ZILLMER AND CANADA METHOD

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Reserve insurance is amount of money that must be provided by the insurance company in time account and used to pay compensation in compliance with agreement at the beginning of the contract. Reserve will be adjusted based on the premi into several methods. Methods which is used in this thesis is Zillmer and Canada methods. This research aimed at determinig formulations of reserve for life-insurance products theoretically with assessing Zillmer and Canada methods and doing simulation to the concepts of reserves individual ordinary life insurance (ordinary insurance) which include periodically insurance, Pure Endowment Insurance, Dwiguna Insurance, and Lifetime Insurance. The measures used to assess the value of these reserves are : (1) determine the value of APV (Actual Present Value), (2) Determine the value of the annuity, (3). Determine the value of premi, (4) determine the value of net reserves, (5) determine the value of reserves using Zilmer and Canada Method as a result of the cost factor of premi. Based on the results of the study, the authors conclude Canada methods suitable for Pure Endowment Insurance and Dwiguna Insurance while the Zillmer method almost can be used in all types of insurance.

Keywords : Reserve, Zillmer Method, Canada Method.