SPECIALISED DIPLOMA ON CASUALTY ACTUARIAL SCIENCE

Note: Candidate passed Licentiate in Non-Life Branch i.e. Subject No. 01, 11 and 14 or any other subjects of 20/30/40 Credit Points is eligible for Specialized Diploma Course On Casualty Actuarial Science.

IC47/A-1 FOUNDATION OF CASUALTY ACTUARIAL SCIENCE (PART-1) (Year of Edition 2007)

Contents

Chapter 1: Introduction

Chapter 2: Risk Theory

Chapter 3: Rate Making

Chapter 4: Individual Risk Rating

Chapter 5: Loss Reserving

Chapter 6: Risk Classification

To suit the syllabus requirements of the Indian examination the book is published in two parts: Part I comprising chapters 1 to 6 and Part II comprising 7 to 10. The Index covering the entire book will appear in both the parts.

Insurance Institute of India
IC84/A-2 FOUNDATION OF CASUALTY ACTUARIAL SCIENCE (PART – II)  
(Year of edition 2007)

Contents

Chapter 7: Reinsurance

Chapter 8: Credibility

Chapter 9: Investigation Issues in Property Liability Insurance

Chapter 10: Special Issues

To suit the syllabus requirements of the Indian examination the book is published in two parts: Part I comprising chapters 1 to 6 and Part II comprising 7 to 10. The Index covering the entire book will appear in both the parts.
A-3 BASIC RATEMAKING
(Year of edition 2009)

Contents

Chapter 1: Introduction.

Chapter 2: Rating Manuals.

Chapter 3: Rate Making Data.

Chapter 4: Exposures.

Chapter 5: Premium.

Chapter 6: Losses and LAE.

Chapter 7: Other Expenses and Profit.

Chapter 8: Overall Indication.

Chapter 9: Traditional Risk Classification.

Chapter 10: Multivariate Classification.

Chapter 11: Special Classification.

Chapter 12: Credibility.

Chapter 13: Other Considerations.

Chapter 14: Implementation.

Chapter 15: Commercial Lines Rating Mechanism.

Chapter 16: Claims-Made Ratemaking.
A-4 ESTIMATING UNPAID CLAIMS USING BASIC TECHNIQUES
(Year of edition 2009)

Part 1- Introduction:

Chapter 1: Overview.
Chapter 2: The claims process.

Part 2 - Information Gathering:

Chapter 3: Understanding the types of data used in the estimation of unpaid claims.
Chapter 4: Meeting with management.
Chapter 5: Development triangle.
Chapter 6: The development triangle as a diagnostic tool.

Part 3 - Basic Techniques for estimating unpaid claims:

Chapter 7: Development Techniques.
Chapter 8: Expected claims Techniques.
Chapter 9: Bornhuetter Ferguson Techniques.
Chapter 10: Cape Cod Techniques.
Chapter 11: Frequency Severity Techniques.
Chapter 12: Case Outstanding Development Techniques.
Chapter 13: Berquist Sherman Techniques.
Chapter 14: Recoveries: Salvage and subrogation and Reinsurance.
Chapter 15: Evaluation of Techniques.

Part 4- Adjustment Expenses:

Chapter 16: Estimating unpaid allocated claim adjustment expenses.

Appendices – statement of principles and Actuarial Standards of Practice.

Updated on 18.07.2016