

Total No. of Pages : 2

Register Number :

**7038**

Name of the Candidate :

**M.B.A. DEGREE EXAMINATION MAY 2014.****(BUSINESS APPLICATION)****(SECOND YEAR)****281 — LIFE INSURANCE MATHEMATICS**

Time : Three hours

Maximum : 75 marks

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**SECTION A**

**Answer any FIVE questions. (5 × 3 = 15)**  
**All questions carry equal marks.**

1. What is Serial Correlations Test?
2. Relevance of Income Insurance.
3. Identify Construction of Mortality Tables.
4. Give the Extension to Semi-Markov Chains.
5. When is Disability Insurance Applicable?
6. How are Index Linked Benefits Allotted?
7. Enlighten about Pension Funding.
8. Deduce the Value at Risk.

**SECTION B**

**Answer any THREE questions. (3 × 10 = 30)**  
**All questions carry equal marks.**

9. Give the Evaluation of Total Claims Distributions for Risk Portfolios.
10. Enlighten the Claims Reserving in Nonlife Insurance.
11. What is Marked Point Process Approach?
12. Draw the Empirical Lifetime Distributions.
13. When are Parametric Models Applied?

**SECTION C****Answer any ONE question.****(1 × 15 = 15)****All questions carry equal marks.**

14. Enlighten about Employee Benefits: Group Life and Health Insurance Retirement Plans Social Insurance.
15. Conceptualize chances of Loss, Peril, Hazard and Proximate Cause in Insurance.
16. What are the Costs and Benefits of Insurance to the Society and Branches of Insurance?

**SECTION D****(Compulsory)****(1 × 15 = 15)**

17. Enumerate the Insurance loss Exposures Feature of a Loss that is ideal for Insurance.

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