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CMS 560

IV Semester M.Com. Degree Examination, Sept./Oct. 2022

(Choice Based Credit System)

(Regular and Repeaters)

COMMERCE

Optional (BAIM) : Actuarial Management

Time : 3 Hours

Max. Marks : 70

SECTION – A

Answer **any four** questions out of seven, **each** question carries **10** marks, answer to **each** question should **not** exceed **4** pages : **(4×10=40)**

1. Explain the functions of Actuarial Risk Management in non-life insurance business.
2. Discuss the features of actuarial assumptions.
3. Examine the differences in life and non-life insurance business.
4. Illustrate the ways to determine the Actuarial Assumptions.
5. Discuss the factors that would be taken into account when deciding on how to fund benefits under a defined benefits pension scheme.
6. A general insurance company has recently been experiencing deterioration in the loss ratios relating to its motor business. It is believed that this is due to an increase in fraudulent behavior by policyholders. Describe the steps the company could take to reduce the effects of such fraud.
7. What do you mean by Mortality Table ? Illustrate the types of Mortality Tables.

P.T.O.



SECTION – B

Answer **any two** questions out of three, **each** question carries **15** marks,
answer to **each** question should **not** exceed **7** pages : **(2×15=30)**

8. Write a detailed note on changing actuarial functions.
 9. Discuss risk models for long term and short term.
 10. Write a brief note on :
 - a) New views on service delivery.
 - b) Regulatory, tax and reporting changes.
 - c) Management and cultural changes in actuarial valuation.
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