AS482 Term paper (Due: Sunday Nov 24 to instructor)

Declare your Term paper topic: Sunday Oct 13

Write a maximum of 3 page term paper on one aspect of Actuarial mathematics you learn in AS482 that is practiced by any one local company or institution of your choice.

You can choose any aspect of Actuarial practice but be sure to show what mathematical formula or model that is used in that particular practice. Since AS482 covers multi-life and multi-decrement models plus transitions matrix of hazards, you could potentially choose any insurance/takaful products.

Example:

For example, for an insurance policy agreement at NCCI, what insurance policy terms are used? For the insurance terms in the policy, what are the mathematical formula or model (multi-state model) that are used to calculate the insurance premium? You may give an example of a set of typical calculations for these transactions. Be sure to relate these calculations to what you learn in the AS482 course. If they don’t directly relate to what you learn, compare their formula with what you have learned.

Make sure also that you have the following headings in your report: 1) Abstract, 2) Introduction, 3) Insurance Policy details, 4) Method (Models used etc), 5) Results (Example calculations and highlights), and 6) Summary and Conclusion.

You must send one hard copy and one softcopy of your report to the instructor.

Academic Honesty

Students must make sure that they do not copy verbatim any work by others. Copying other people’s work is plagiarism and may result in a zero score on the assignment. With Blackboard 9.1, student work may be compared with others using the “Turnitin” software to see if such academic dishonesty took place.

Extended quotes from others need to be used sparingly and sources of quotes must be cited properly.