

Q. Are all those questions questions that any actuary should be able to understand, off-hand?—A. Yes, in my opinion.

Q. Do you consider them as being difficult questions in the science, or as elementary?—A. No, they are elementary questions, and I would think that almost any student in the science of life insurance would be able to answer them.

Q. What have you to say, from a scientific point of view, as to the answers that were given to those questions that were answered? Are those answers correct?—A. Some of them are not.

Q. Point out those that are not, in your opinion?—A. For example, 'Who is the author, how does he rank as an actuary?' 'Quite high, first class.' That is a correct answer.

Q. Then the next one: 'Who is he?'—A. That is a matter whether a man has knowledge or not.

Q. Indicate those that are wrong. Take the question: 'Given a table of mortality and a rate of interest, how would you proceed to find a net annual premium for a given amount of insurance?'—A. That answer is absolutely incorrect, from an actuarial standpoint.

Q. Take the question on the last line of page 121, and on page 122?—A. I would consider it a very crude answer.

Q. To which question?—A. That is the one you refer to.

Q. 'What is meant in science by a commutation column?'—A. Yes.

By the Hon. Mr. Béique:

Q. What do you mean by a crude answer?—A. Indefinite.

By Mr. Geoffrion, Counsel for the Mutual Reserve:

Q. Is there a well-known definition to actuaries?—A. Yes. I would not think an actuary would answer a question in that style.

Q. Are there any other questions to which you have any remark to make, simply to avoid taking them one by one? Take this question—'I asked you a question a few minutes ago, given a table of mortality,' and so on?—A. I think that is a contradictory answer to the question.

Q. Therefore, it is wrong?—A. It is contradictory.

Q. Does it follow it is wrong? Do you consider that a correct answer or a wrong answer?—A. 'If you want to go the wrong way about it,' is an incorrect answer.

Q. Should any actuary know the name of the author of the Actuaries' Institute Text-book?—A. I think that every actuary would know the name of the author, would know the name of the text-book of the Institute of Actuaries, for the reason that is the only standard text-book on life insurance in Great Britain and on this continent.

Cross-examined by Mr. Coster, K.C., Counsel for the Committee:

Q. You know the Mutual Life Insurance Company of New York, do you not?—A. Yes, by name.

Q. How would their rates compare with that of your company?—A. They would be about the same.

Q. You recognize this as a book of rates of the Mutual Life of New York?—A. It is dated January 1, 1899.

Q. You recognize that as the book of rates?—A. Yes.

Q. Page 139, non-participating rates, at age thirty-five, what is the rate?—A. The rate at age thirty-five, on page 139, of the manual which you have handed to me, which purports to be the manual of the Mutual Life Insurance Company of New York, for a whole life policy without profits, payable at death, premium not increasing with age, is \$21.70.

Q. Per thousand?—A. Yes.