

**Memorandum of Understanding
between
Indian Statistical Institute
and
Actuarial Society of India**

The Indian Statistical Institute (ISI) and Actuarial Society of India (ASI) hereby enter into a Memorandum of Understanding for exemption of ISI graduates from passing professional examinations of ASI, as under.

1. *General principle:* Graduates from the B.Stat. (Hons.), M.Stat. and M.S.(Q.E.) degree programmes will be eligible for exemption from passing some professional examinations of ASI provided they perform well in relevant examinations conducted by ISI, as indicated in item 3 below.
2. *ISI courses:* The students of the B.Stat.(Hons.) and M.S.(Q.E.) courses are selected through a competitive selection test conducted in various centers. The students of the two-year M.Stat. degree programme belong to two categories: those who do have got automatic admission to M.Stat. by virtue of their performance in the B.Stat. (Honours) programme, and those with bachelor's degree in Statistics or Mathematics who are admitted to the M.Stat. degree programme through a competitive selection test conducted in various centers. The second year of the M.Stat. programme, a student has to select one out of several specializations. The specialization *Actuarial Statistics* has been introduced from the academic year 2003-2004. Most of the courses relevant for actuarial education are offered in this specialization. However, M.Stat. students with other specializations can also take some of these courses. Some courses are common to the M.Stat. and M.S.(Q.E.) programmes.
3. *Table of exemptions:* As of now, the exemption arrangement is for six Core Technical (CT) level examinations of ASI. The list of ISI courses/tests corresponding to these examinations are given in the following table.

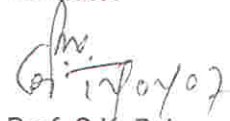
ASI course	Corresponding ISI Courses
CT3	Probability Theory I & II (Prob 101A-B)*, Statistical Methods I, II & III (Stat 101A-C)*, Statistical Inference I & II (Stat 105A-B)* OR M.Stat. selection test
CT4	Actuarial Models**
CT5	Life Contingencies**
CT6	Actuarial Methods**
CT7	Economics I & II (Econ 101A-B)* OR (Macroeconomic Theory*** AND Macroeconomic Theory****)
CT8	Theory of Finance I***

(*: B.Stat. (Hons.) course; **: M.Stat. course; ***: M.Stat. and M.S.(Q.E.) course. Syllabi of ISI courses are available in the website <http://www.isical.ac.in/~deanweb>; Syllabi of the ASI courses are available in the website <http://www.actuariesindia.org> > Actuarial Education > Syllabus).

4. *Qualifying standard:* In respect of courses CT3 and CT7, the students have to receive at least 60% average marks (composite scores) in all the ISI courses linked to a particular ASI course – in order to earn exemption for that course. Non-B.Stat. students who have been admitted to the M.Stat. programme through selection test will be eligible for exemption from course CT3 – after successful completion of the M.Stat. programme. In respect of courses CT4, CT5, CT6 and CT8, an independent examiner will suggest the suitable qualifying marks for a particular final (semestral) examination.

5. *Independent Examiner:* ASI will appoint an independent examiner to ensure that the question paper of the final (semestral) examination of the subjects linked to CT4, CT5, CT6 and CT8 are adequate for the purpose of exemptions and will suggest qualifying marks for these subjects for that examination. He/she will then determine on the basis of answer-scripts which students will be eligible for exemption. The independent examiner will have no role in respect of exemptions for CT3 and CT7.
6. *Procedure to be followed:* ISI will send final (semestral) examination question papers of the subjects linked to CT4, CT5, CT6 and CT8 to the independent examiner appointed by ASI at least three weeks before the examination is held. Exemptions will be considered only if the independent examiner is satisfied that the question paper is adequate for this purpose. The independent examiner will also set the qualifying standard for each examination as far as exemption is concerned. After the examination is over, ISI will send graded answer-scripts to the independent examiner with a list of proposed exemptions. The independent examiner will then return a list of recommended exemptions for these subjects. ISI will put this list together with the proposed exemptions for CT3 and CT7 (on the basis of criteria given in items 3-4 above), and send to ASI a comprehensive list of all proposed exemptions for that academic year. ISI will ensure that the students recommended for exemption have satisfied all requirements for graduating from ISI. ASI will indicate acceptance of this list to ISI. If an ISI graduate intends to obtain exemptions, he/she has to become an ASI member and apply specifically for exemptions on the basis of the above list.
7. *Cut-off date:* In recognition of the discussions leading up to this memorandum, the above arrangement will be applicable to ISI students graduating in 2005 or after.
8. *Changes to terms of exemption:* ISI and ASI will jointly evolve necessary modifications to the exemption arrangement whenever there is a change in the relevant courses of ISI/ASI.

On behalf of Indian Statistical
Institute:



Prof. S.K. Pal
Director

On behalf of Actuarial Society of India:

Dr. R Kannan
President



Date:- 27 01 2007