

BOARD OF ELECTRONICS AND COMMUNICATIONS ENGINEERING

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WHEREAS, the Board of Electronics and Communications Engineering is empowered by Sec. 13(d) of R.A. No. 5734: "The Electronics and Communications Engineering of the Philippines" and Sec. 6(a) of P.D. No. 223, as amended, to adopt measures or policies that will preserve and improve the technical, ethical, and moral standards of the Electronics and Communications Engineering;

WHEREAS, the full computerization of the Electronics and Communications Engineering Licensure Examination is a policy that has three (3) beneficial effects to the effective supervision, regulation, and control of the licensure and practice of the profession: (1) it will enhance the confidentiality, integrity, credibility, and quality of the examination to which the Board and the Commission are sworn to uphold and preserve so as to strengthen the public trust and faith therein; (2) it will hasten the correction of testpapers, hence ensuring the immediate release of the examination result and paving the way for the successful examinees to work or practice ahead of the usual schedule; and (3) it will accord the Board more time for the supervision, regulation, and control of the practice of the profession;

WHEREAS, under Res. No. 265, Series of 1993, the Commission directed that the examinations of all the professions under the jurisdiction and supervision thereof "shall be fully computerized in 1993 except those professions with examinees below 1000 which shall be programmed in 1994";

WHEREAS, there are now over 1000 examinees taking ECE examination annually; and

WHEREAS, the process of full computerization of the licensure examination does not only involve the correction and rating of testpapers, but it does also utilize testbank from which questions are extracted and randomly arranged by and through the computer.

NOW, THEREFORE, by virtue of the quasi-legislative (rule-making) power thereof under Sec. 13(j) of R.A. No. 5734, the Board hereby RESOLVES, as it so RESOLVED, to fully computerize the Electronics and Communications Engineering Licensure Examination starting with the November 6 & 7, 1993 schedule under these guidelines and procedures, viz.:

1. The Board Member shall initially input into the testbank at least five hundred (500) test questions for each subject as the starting point which must be built up by a minimum of three hundred (300) test questions every examination to reach the ideal optimum number of three thousand (3000) test questions or more. The questions deposited in the testbank shall be withdrawable and replenishable with new ones to keep abreast with the latest scientific trends in the profession.
2. The inputted test questions shall be those which the Board Members had personally prescribed or formulated.
3. The test questions to be fed into the testbank shall be classified as to their degree of difficulty, easy, average/moderate, and difficult; as to their level of knowledge (sound, adequate, and fair) and proficiency (competent, adequate, and fair) and as to their nature: essay and objective types (multiple choice).
4. Subjects shall have these proportional weights: 55% for objective-type questions which must be selected by and

corrected through the computer and 45% for problem-solving, essay type or similar nature of questions which must be chosen by the computer and corrected manually.

5. The number of questions to be given in the examination for each subject shall be extracted from the testbank and randomized so as to produce at least two (2) sets, e.g. "A" and "B" containing the same number of questions but having different chronological arrangement of questions for printing and distribution of the examinees, accordingly precluding the examinees from copying the answers of their seatmates.

6. The correction and rating of testpapers as well as the other stages/processes involved in the release of the results of the examination shall be computerized.

FURTHER, RESOLVED, that the herein resolution, upon its approval by the Commission, shall be effective after fifteen (15) days following its publication in the Official Gazette or newspapers of general circulation.

FINALLY, RESOLVED, that this resolution shall be circularized to the schools/colleges offering the course of Electronics and Communications Engineering.

Adopted: 4 Oct. 1993

(Sgd.) FORTUNATO Q. PERLAS

Chairman

(Sgd.) JOEL J. MARCIANO

(Sgd.) OSCAR S. VILLACORTA

Member

Member

APPROVED:

(Sgd.) HERMOGENES P. POBRE

Commissioner

(Sgd.) MARIANO A. MENDIETA

(Sgd.) ARMANDO C. PASCUAL

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Associate Commissioner

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