



COUNCIL FOR THE INDIAN SCHOOL CERTIFICATE EXAMINATIONS

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CISCE/CES/Advisory/2025

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Subject: Advisory to all Heads of ISC affiliated Schools on revision of the syllabus of Mathematics (860) & introduction of Applied Mathematics (885) for ISC Examination Year 2027 and onwards


Dear Principal,

This is in continuation to our Circulars dated February 12, 2025 and February 20, 2025 regarding the introduction of the subject, Applied Mathematics (885). With reference to the syllabi for Mathematics (860) and Applied Mathematics (885) applicable for the examination year 2027 onwards, please refer to the advisory given below:

1. The syllabi for Mathematics (860) and Applied Mathematics (885) have been designed keeping in view the competencies of STEM and non-STEM candidates. While both subjects share mathematical principles, they differ in their content and approach.
2. It is strongly recommended that **Mathematics (860) be offered to candidates intending to pursue Pure Science, Mathematics, Engineering, Architecture and other related fields** at undergraduate level as it will empower them with fundamentals and theoretical frameworks that underpin pure mathematics. Candidates studying Physics and Chemistry will benefit immensely from studying this subject as understanding of certain topics will require a scientific perspective.
3. Similarly, **Applied Mathematics (885) will be appropriate for the candidates aiming to pursue higher studies in Humanities, Commerce, Finance, Business and other related fields**. The subject will fuse knowledge of mathematical concepts with practical application required to address problems in areas like quantitative data and financial analysis.
4. In the wake of the introduction of the subject Applied Mathematics (885), **the existing Section C consisting of the topics Application of Calculus, Linear Regression and Linear Programming has been removed from the syllabus of the subject Mathematics (860)**. Hence, the Question Papers for both these subjects will differ significantly in terms of topics and weightage ascribed to different topics. The Specimen Question Papers for these two subjects for Class XI will be made available shortly.

Therefore, it is advised that schools should offer Mathematics (860) and Applied Mathematics (885) accordingly and encourage the candidates to connect their choice of subject to their prospective career paths and make a well-informed decision.

With warm regards,
Yours sincerely,


Dr. Joseph Emmanuel
Chief Executive and Secretary