

Assessment Specifications

Scholarship Chemistry 2024

Published in December 2023

Performance Standard: 93102

Assessment method: Examination

Assessment medium: Printed paper

[Chemistry subject page](#)

[National secondary examinations timetable](#)

Format of the assessment

There will be no more than 4 questions. Questions may be open-ended or structured in a step-wise fashion. Candidates are expected to provide answers to ALL questions.

Equipment required

Use of an [approved scientific or graphics calculator](#) is required.

Resources or information supplied

A periodic table and spectroscopic data table will be provided. Other numerical data or reference material will be provided in the resource booklet or questions as needed.

Special notes

All working should be shown in calculations. Numerical answers should be rounded to an appropriate number of significant figures. Correct units must be included. Explanations and calculations are expected to be well set out and concise. Organic structures should be presented clearly, using one of the forms outlined in the reference sheet below.

Content/context details

Content may include quantitative analysis, organic chemistry, spectroscopy, redox and electrochemistry, rates of reaction, chemical equilibria, aqueous systems, particles, substances, and thermochemical principles.

Questions may be asked within a variety of appropriate contexts and cover material from more than one content area. Contexts may be unfamiliar to the candidates. Some questions may involve extended discussion, where the candidate needs to judge what is required.

Questions may require skills developed during practical work, such as processing and evaluation of data or information.

Further clarification of the standard

Symbols, nomenclature, spelling, and formatting will follow IUPAC conventions as much as possible. These are shown in the reference sheet *Quantities, Units, Symbols, and Nomenclature used in Chemistry*. This reference sheet will NOT be provided with the examination.

[Quantities, Units, Symbols, and Nomenclature used in Chemistry \[PDF, 255 KB\]](#)