

### Rubric guideline for evaluating the CCC (Part B) essay topics (out of 20 marks)

Criteria	4 marks	3 marks	2 marks	1 mark
<b>Format</b> (mark x 1)	The essay is written with an engaging, clear introduction. For the lab design the purpose, materials, procedure, calculations, analysis, errors and conclusion are comprehensive (in some cases not all sections will be required), show insight, organization, clarity and understanding. For the essays, (3) points are clearly developed and a concluding paragraph brings the essay to a logical close.	The essay has an interesting, clear introduction. The lab format is evident but not comprehensive. For the essays, some points are developed well. A conclusion paragraph brings the essay to a close.	The introduction is partially developed. The lab format is evident but some of the sections are missing. For the essays, at least one point is well developed. There is a lack of development of ideas and the conclusion is simplistic/ confusing/ too general.	The essay is disorganized and/or confusing and simplistic.
<b>Chemistry</b> (mark x 2)	The essay demonstrates a consistent and advanced command of chemical principles. The chemical principles discussed relate clearly and logically to the essay topic demonstrating deep understanding and insight of chemistry subject matter and/or how chemistry applies beyond the classroom.	The essay demonstrates a good command of chemical principles. The chemical principles discussed mostly relate to the essay topic, demonstrating a good understanding of chemistry subject matter and/or how chemistry applies beyond the classroom.	The essay demonstrates some command of chemical principles. The chemistry discussed shows some connection between chemistry subject matter and the topic of the essay.	The essay demonstrates minimal, poorly connected command of chemical principals. The chemistry discussed is general and vague.
<b>Topic synthesis</b> (mark x 1)	The discussion of the essay/lab topic is comprehensive, with careful analysis of ideas included in the question.	The discussion of the essay/lab topic is good, with attention to items queried in the question.	The discussion of the essay/lab topic is fair, with minimal attention to items queried in the question.	The discussion of the essay/lab is inadequate.
<b>Extension/ Originality/ Depth</b> (mark x 1)	Unexpected, original and/or new points are introduced in the essay/lab. These extensions are clearly explained and relate well to the topic/lab. The essay/lab demonstrates a deep understanding of the topic.	There is an attempt to make new connections but some misunderstandings are evident. The essay/lab demonstrates a good understanding of the topic.	Any extensions relate poorly or are very unclear. There is little original thought in the essay/lab. The essay/lab demonstrates some understanding of the topic.	No attempt to make new connections is evident and the essay does not demonstrate a depth of knowledge.
<b>Total</b>	/20			