INTRODUCTION

The ***Complete Study Guide for CSEC Mathematics*** covers the syllabus content of the Caribbean Secondary Education Certificate (CSEC) Mathematics Syllabus (Effective for examinations from May-June 2018). The intention of the authors is to provide support material for students as they prepare for this examination. The treatment of the topics is comprehensive, yet concise, thereby allowing students to focus on the essential concepts and principles that are necessary for success in CSEC Mathematics.

This study guide assumes that students will be exposed to classroom learning experiences. Students must also acquire sufficient practice through such experiences, especially through interactions with their tutors and peers. The specific features that the guide addresses are:

- It acts as a companion to the student who needs to be familiar with the content of each topic and with the skills required to master the content.
- It presents the material in a well-sequenced and coherent form, so that critical understandings are addressed, while developing a sound foundation.
- The material has aesthetic appeal through the use of colour, diagrams and graphic displays. This will facilitate all learning styles, especially the visual and multi-sensory learner.
- There is a wide range of worked examples to guide the students on how a topic is tested at the examination level. These examples vary in terms of content and difficulty level.
- The examples also provide model solutions, so that students are guided in how to construct proper responses questions.

The authors have pooled their wide experiences in the teaching of mathematics with their knowledge of content and pedagogy, to produce this guide.

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