

**Matrices CSEC Past Paper Compilation**  
**Prepared by Ms C Shaw**

**JAN 2023**

10. (a) Three matrices  $Q$ ,  $R$  and  $S$  are as follows:

$$Q = \begin{pmatrix} 2 & -1 \\ 4 & 3 \end{pmatrix}, \quad R = \begin{pmatrix} 1 & 6 \\ -5 & 4 \end{pmatrix}, \quad S = \begin{pmatrix} 2 & 7 \\ 4 & -1 \\ -8 & 9 \end{pmatrix}$$

(i) Explain why the matrix product  $QS$  is NOT possible. [1]

(ii) State the order of the matrix product  $SR$ . [1]

(iii) Calculate the matrix product  $QR$ . [2]

(b) Given that  $A = \begin{pmatrix} 4 & -1 \\ -7 & x \end{pmatrix}$ , determine the value of  $x$  when  $|A| = 5$ . [2]

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(b) The  $2 \times 2$  matrix  $C$  is defined, in terms of a scalar constant  $k$ , by

$$C = \begin{pmatrix} 3 & k \\ 6 & 4 \end{pmatrix}.$$

Determine the value of  $k$ , given that the matrix  $C$  is singular.

# Csec Mathematics Past Paper Questions

**Eleanor J. Blair, Kenneth A. Williams**



## **Csec Mathematics Past Paper Questions:**

**The Question Bank** Kerwin Springer,2021-12 Sample questions for CSEC Mathematics Questions in pure mathematics proposed at the B.A. and B.Sc. pass and honours examinations of the University of London with complete solutions by J.E.A. Steggall London univ, exam. papers,John Edward Aloysius Steggall,1882 Advanced Methodologies and Technologies in Modern Education Delivery Khosrow-Pour, D.B.A., Mehdi,2018-09-21 Recent innovations and new technologies in education have altered the way teachers approach instruction and learning and can provide countless advantages The pedagogical value of specific technology tools and the cumulative effects of technology exposure on student learning over time are two areas that need to be explored to better determine the improvements needed in the modern classroom Advanced Methodologies and Technologies in Modern Education Delivery provides emerging research on educational models in the continually improving classroom While highlighting the challenges facing modern in service and pre service teachers when educating students readers will learn information on new methods in curriculum development instructional design and learning assessments to implement within their classrooms This book is a vital resource for pre service and in service teachers teacher education professionals higher education administrative professionals and researchers interested in new curriculum development CSEC Mathematics Conrad Archie,2012 CSEC PAST PAPERS 2020-2023 MATHEMATICS. ,2024 **Collins CSEC Maths - CSEC Maths Multiple Choice Practice** Terry David,2016-12 This CSEC Maths Multiple Choice Practice book is a valuable exam preparation aid for CSEC Maths students This book provides excellent practice for the multiple choice questions from Paper 1 of the CSEC examination and has been specially written to help CSEC Maths students improve their Paper 1 exam score *CXC Mathematics Made Simpler* Ricardo Smith,2007 **The Handbook on Caribbean Education** Eleanor J. Blair,Kenneth A. Williams,2021-03-16 This book gathers leading scholars of Caribbean education covering the Greater and Lesser Antilles It explores social and cultural issues in Caribbean schooling highlighting its role in social mobility and economic support It aims to include Caribbean voices in global discussions on 21st century matters **Construction for Csec Mathematics** Glen Dass,2019-07 This book covers all the topics in construction that is tested for CSEC Mathematics The basic concepts are introduced first and students need to work through these with the use of their geometric instruments After students have mastered these basic concepts there are problems that need the applications of two or more of these concepts Finally there are structured problems where students apply all their knowledge that was learnt in construction to work through This book is designed for anyone who has never done construction before No previous knowledge was assumed so forms 1 2 and 3 students will benefit from this book Repeater students will profit tremendously when they work through the contents of the book Adults can also use the book if they want to develop new skills and knowledge A tutor is not needed if someone wants to use the book independently Teachers who are giving crash courses can use the book with their students and they will master this topic within a day or

two depending on their level of attainment I will advise students and Teachers to immediately do past paper questions on construction as soon as they complete this book because all the concepts will be fresh in their minds **CXC Basic**

**Mathematics** Alec Greer,1988 This book offers the perfect two year course for students revising for CSEC Mathematics It provides coverage fo all CSEC topics and includes examination papers with answers for revision Short answer and objective type tests at the end of each chapter aid students revision *Perspectives on the Grenada Revolution, 1979-1983* John

Angus Martin,Nicole Phillip-Dowe,2017-05-11 The 1979 Grenada Revolution orchestrated by the New Jewel Movement culminated four and a half years later in the execution of Prime Minister Maurice Bishop and the US led military invasion which threw Grenada onto the international political stage Though much has been written on the Revolution and its untimely and violent demise the overwhelming majority of the authors have been non Grenadian All the contributors to this volume except one are Grenadian In this regard it is unique and captures the voices of persons who were active participants children teenagers young adults and some yet unborn in the 1979 to 1983 period illustrative of the continued influence of the Revolution on Grenadians The essays examine the legality of the Revolution the historical connections between it and the 1795 F don s Rebellion the nation s collective memory of the Revolution by its second generation the conflict between religion and the Revolution the empowerment of women by the revolutionary process and the role of poetry and art in raising salient and often difficult and painful aspects of the Revolution This collection of essays captures the Revolution from a Grenadian perspective **CSEC PAST PAPERS 2020-2023 ADDITIONAL MATHS. ,2024** **CXC Study Guide:**

**Mathematics for CSEC®** Andrew Manning,Ava Mothersill,Marcus Caine,Angella Finlay,Patricia George,2017-07-13 Developed exclusively with the Caribbean Examinations Council this Study Guide will provide you with the support to maximise your performance in CSEC Mathematics Written by a team of experts in the syllabus and the examination this Study Guide covers all the essential information in an easy to use double page spread format and with online support Each topic begins with key learning outcomes and contains a range of features to enhance your study of the subject **Practice**

**Questions - CXC Mathematics General Profic - Paper 11** Clarrie Layne,C. Lowe,1990-01-01 *Report for the Year ...* Caribbean Examinations Council,1975 **Mathematics for CSEC®** Chandler,Smith,Mothersill,Bishop,Chan

Tack-Jones,2017-07-13 Written specifically for the needs of the Caribbean by an unsurpassed author team this comprehensive text covers the latest CSEC mathematics syllabus examinable from 2018 Mathematics for CSEC is a clear and challenging text with extensive practice and worked examples to strengthen and consolidate student knowledge as well as build confidence ahead of the examination Carefully structured skills development also facilitates smooth progression through the course This title now also includes a chapter online to provide support for the SBA *CSEC Past Papers*

Caribbean Examinations Council,2011 **Mathematics & Additional Mathematics** Caribbean Examination Council,2014

*Multiple-choice Questions for CXC Mathematics* Alec Greer,Clarrie Layne,1982-01-01 **CSEC Mathematics** EPA Virtual

Educator, 2009

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