



# Mathematics Paper 1

## Grade 12

### Preliminary Examination

#### 2017

**DURATION:** 3 hours  
**MARKS:** 150  
**Date:** 2017

**EXAMINER:** R. Obermeyer  
**MODERATOR:** A. Janisch  
**External Moderator:** J.L. Ruiz-Mesa  
I. L. Atteridge

#### INSTRUCTIONS:

- See overleaf for instructions.
- This paper consists of 10 pages (including cover) and an information sheet.

**NAME:** \_\_\_\_\_

ASSESSMENT					
Question	Level Tested	Topic	Suggested Time Allocation	Possible mark	Mark Obtained
SECTION A					
1	1 – 4	Equations & Inequalities	25 mins	21	
2	1 – 4	Sequence & Series	16 mins	13	
3	1 – 4	Finance Modelling	8 mins	7	
4	1 – 4	Calculus	20 mins	17	
5	1 – 4	Functions	13 mins	11	
6	1 – 4	Probability	7 mins	6	
7	1 – 4	Calculus	18 mins	15	
SECTION B					
8	1 – 4	Calculus	7 mins	6	
9	1 – 4	Sequence & Series	12 mins	10	
10	1 – 4	Probability	18 mins	15	
11	1 – 4	Functions	7 mins	6	
12	1 – 4	Financial Mathematics	11 mins	9	
13	1 – 4	Calculus	6 mins	5	
14	1 – 4	Equations & Inequalities	11 mins	9	
TOTAL:				150	
PERCENTAGE:					

**Teacher's Signature:** \_\_\_\_\_

**Controller's Signature:** \_\_\_\_\_

**Moderator's Signature:** \_\_\_\_\_

# Grade 1maths Lit Paper 1

**Christian Drosten**



## Grade 1maths Lit Paper 1:

**X-kit FET Grade 12 MATHEMATICAL LITERACY** Derek Swart,2009      X-kit FET Grade 11 Mathematical Literacy  
Derek Swart,2006      X-kit FET Grade 10 Mathematical Literacy ,2006      Teaching Learners with Visual Impairment  
Maximus M. Sefotho,Ronél Ferreira,2020-12-31 This book Teaching Learners with Visual Impairment focuses on holistic support to learners with visual impairment in and beyond the classroom and school context Special attention is given to classroom practice learning support curriculum differentiation and assessment practices to mention but a few areas of focus covered in the book In this manner this book makes a significant contribution to the existing body of knowledge on the implementation of inclusive education policy with learners affected by visual impairment      TeacherNI ICSE Predictive Papers 2014 | Grade X. 5 Subjects (Geography, History, English, Maths, Hindi) , ICSE Predictive Question Papers for 2014 as per the ICSE syllabus covering 5 subjects including Geography English Literature Language Hindi Maths History Solutions are available online Instructions provided inside book after purchase TeacherNi experts with over 300 years combined teaching experience have set these papers Unlock Brilliance with Prediction Papers Solutions with Marking Scheme Upload your answer sheet for Correction by Experts Simplified Study Notes Revision MCQ s Past Prelim Papers Board Papers with Solution SUBSCRIBE NOW online      *The Melbourne University Calendar* University of Melbourne,1922      **Assessing Mathematical Literacy** Kaye Stacey,Ross Turner,2014-11-03 This book describes the design development delivery and impact of the mathematics assessment for the OECD Programme for International Student Assessment PISA First the origins of PISA s concept of mathematical literacy are discussed highlighting the underlying themes of mathematics as preparation for life after school and mathematical modelling of the real world and clarifying PISA s position within this part of the mathematics education territory The PISA mathematics framework is introduced as a significant milestone in the development and dissemination of these ideas The underlying mathematical competencies on which mathematical literacy so strongly depends are described along with a scheme to use them in item creation and analysis The development and implementation of the PISA survey and the consequences for the outcomes are thoroughly discussed Different kinds of items for both paper based and computer based PISA surveys are exemplified by many publicly released items along with details of scoring The novel survey of the opportunity students have had to learn the mathematics promoted through PISA is explained The book concludes by surveying international impact It presents viewpoints of mathematics educators on how PISA and its constituent ideas and methods have influenced teaching and learning practices curriculum arrangements assessment practices and the educational debate more generally in fourteen countries      **Calendar** University of Melbourne,1923  
Oswaal ICSE 10 Sample Question Papers Class 10 (Set of 4 Books) Physics, Chemistry, Biology & Maths For 2025 Board Exam (Based On The Latest CISCE/ICSE Specimen Paper) Oswaal Editorial Board,2024-09-09 Description of the product Fresh Relevant with the Latest ICSE Specimen Paper 2025 Score Boosting Insights with 450 Questions 250 Concepts approx

Insider Tips Techniques with On Tips Notes Mind Maps Mnemonics Exam Ready Practice with 5 Solved 5 Self Assessment Papers with Hints Online Courses with Oswaal 360 Courses and sample Papers to enrich the learning journey further Strictly as per the Latest Syllabus Specimen Paper 2025 Issued by CISCE Includes Competency Focused questions based on Bloom s Taxonomy Create Evaluate Analyse Apply Understand and Remember Official Marking Scheme Decoded     **A Five-Year Study of the First Edition of the Core-Plus Mathematics Curriculum** Harold Schoen, Steven W. Ziebarth, Christian R. Hirsch, Allison BrckaLorenz, 2010-07-01 The study reported in this volume adds to the growing body of evaluation studies that focus on the use of NSF funded Standards based high school mathematics curricula Most previous evaluations have studied the impact of field test versions of a curriculum Since these innovative curricula were so new at the time of many of these studies students and teachers were relative novices in their use These earlier studies were mainly one year or less in duration Students in the comparison groups were typically from schools in which some classes used a Standards based curriculum and other classes used a conventional curriculum rather than using the Standards based curriculum with all students as curriculum developers intended The volume reports one of the first studies of the efficacy of Standards based mathematics curricula with all of the following characteristics The study focused on fairly stable implementations of a first edition Standards based high school mathematics curriculum that was used by all students in each of three schools It involved students who experienced up to seven years of Standards based mathematics curricula and instruction in middle school and high school It monitored students mathematical achievement beliefs and attitudes for four years of high school and one year after graduation Prior to the study many of the teachers had one or more years of experience teaching the Standards based curriculum and or professional development focusing on how to implement the curriculum well In the study variations in levels of implementation of the curriculum are described and related to student outcomes and teacher behavior variables Item data and all unpublished testing instruments from this study are available at [www.wmich.edu/cmp](http://www.wmich.edu/cmp) for use as a baseline of instruments and data for future curriculum evaluators or Core Plus Mathematics users who may wish to compare results of new groups of students to those in the present study on common tests or surveys Taken together this volume the supplement at the CPMP Web site and the first edition Core Plus Mathematics curriculum materials samples of which are also available at the Web site serve as a fairly complete description of the nature and impact of an exemplar of first edition NSF funded Standards based high school mathematics curricula as it existed and was implemented with all students in three schools around the turn of the 21st century

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