

MARK SCHEME for the May/June 2013 series

9754/01

9754 MATHEMATICS

Paper 1 (Pure Mathematics 1), maximum raw mark 50

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, which would have considered the acceptability of alternative solutions.

Mark schemes should be read in conjunction with the question paper and the Principal Examiner Report for Teachers.

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Mathematics 14th June 2013 Mark Scheme

Malta. Department of Education



Mathematics 14th June 2013 Mark Scheme:

Conceptual Maths Peter Mattock, 2023-04-05 Written by Peter Mattock *Conceptual Maths* Teaching about rather than just how to do mathematics in schools aims to empower teachers to support students on a comprehensive and coherent journey through school mathematics Showcasing the best models metaphors and representations it provides excellent examples explanations and exercises that can be used across the curriculum Concepts are at the heart of the study of mathematics They are the ideas that remain constant whenever they are encountered but which combine and build upon each other to create the mathematical universe It is the structure of each concept that gives rise to the procedures that are used in calculation and problem solving and by learning about these structures a learner can make sense of how different processes work and use them flexibly as need demands In his first book *Visible Maths* Peter Mattock focused on the use of representations and manipulatives as images and tools and how this can provide a window into some of these mathematical structures His aim in *Conceptual Maths* is to go deeper beyond the procedures and to shed greater light on the structures of the subject's different concepts The book explores how a variety of visual tools and techniques can be used in the classroom to deepen pupils' understanding of mathematical structures concepts and operations including number addition and subtraction multiplication and multiples division and factors proportionality functionality measures accuracy probability shape and transformation and vectors among many others In so doing Peter equips teachers with the confidence and practical know how to help learners assimilate knowledge of mathematical concepts into their schema and take their learning to the next level Containing numerous full colour diagrams and models to illustrate the conceptual takeaways and teaching techniques discussed *Conceptual Maths* also includes a glossary covering the key mathematical terms Suitable for teachers of maths in primary secondary and post 16 settings

CTET Success Master Maths and Science Paper 2 for Class 6 to 8 for 2021 Exams Arihant Experts, 2021-05-26 1 Success Master Study Guides focus in the preparation of CTET teaching Exam 2 This book deals with CTET Mathematics and Science Paper 2 Classes 6 8 3 Divided into 5 main Sections completely prepared on the latest exam pattern 4 Provides Previous years Solved Papers 2 Practice Sets and more than 3000 MCQs are given for thorough practice CTET provides you with an opportunity to make a mark as an educator while teaching in Central Government School Prepared as per National Curriculum Framework here's representing the updated edition of Success Master CTET Mathematics Science Paper II Class VI VIII that serves as a study guide for the candidates who are willing to appear for the exam this year The book provides focused study material dividing the entire syllabus into 5 majors providing the complete coverage With more than 3000 MCQs are provided for the quick revision of the concepts Chapterwise coverage of the previous Years questions along with the Trend Analysis help aspirants for better preparation Lastly Solved Paper 2021 2 Practice Sets are given leaving no stones untouched Preparation done from this book proves to be highly useful for CTET Paper 1 in achieving good rank in the exam TOC Solved Paper 2021 January Solved Paper 2019 December Solved Paper 2019

July Solved Paper 2018 December Solved Paper 2016 September Child Development and Pedagogy English Language and Pedagogy Hindi Bhasha evm Shiksha shastra Mathematics and Pedagogy Science and Pedagogy Practice Sets 1 2 CTET Success Master Maths & Science Paper-2 for Class 6 to 8 2020 Arihant Experts,2020-01-02 Throughout the world teaching is looked at as one of the most respected and noble profession a person could have A great teacher not only shows the right path that a student should follow but also prepares the human resources for the further development of the nation Among various exams CTET is the most popular teaching exam in the country Central Teaching Eligibility Test CTET is a national level test conducted by CBSE twice a year to recruit the eligible candidates as teacher The exam is conducted into 2 papers Paper 1 for class 1 5 and Paper 2 for class 6 8 Any candidate who is interested to become a teacher for classes 6 to 8 then they have to appear for both the papers The new the edition of Study Guide Success Master CTET Mathematics and Science Paper II has been prepared completely on the latest exam pattern The book has been divided into 5 key sections and further divided into chapters providing the focused study material After covering theoretical part this book also concentrates on the practice part it provides Previous Years Solved Paper 2 practice sets and more than 3000 MCQs for thorough practice Ample numbers of questions have been given which are covered in a Chapterwise manner that allows candidates to understand the trend of the questions as well as the exam This book will prove to be highly useful for the CTET Paper 2 exam as it will help in achieving the good rank in the exam

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Solved Paper 2019 December Solved Paper 2019 July Solved Paper 2018 December Solved Paper 2016 September Child Development and Pedagogy English Language and Pedagogy Hindi Bhasha evm Shiksha Shastra Mathematics and Pedagogy Science and Pedagogy Practice Sets 1 2 Using Film and Media in the Language Classroom Carmen Herrero,Isabelle Vanderschelden,2019-07-11 This book demonstrates the positive impact of using film and audiovisual material in the language classroom The chapters are evidence based and address different levels and contexts of learning around the world They demonstrate the benefits of using moving images and films to develop intercultural awareness and promote multilingualism and suggest Audiovisual Translation AVT activities and projects to enhance language learning The book will be a valuable continuing professional development resource for language teachers and those involved in curriculum development as well as bringing the latest research theory and pedagogical techniques to teacher training courses

School Rethink 2.0 Frederick M. Hess,Michael B. Horn,Juliet Squire,2025-02-12 Ten brilliant approaches that are disrupting US education and actionable advice for their broader implementation **SSC 10+2 Combined Higher Secondary Level (CHSL) 101 Speed Tests with Success Guarantee** Disha Experts,2017-09-02 SSC 10 2 Combined Higher Secondary Level CHSL 101 Speed Tests with Success Guarantee IF YOU MASTER THIS BOOK SUCCESS IS GUARANTEED IN THE UPCOMING SSC CGL EXAM Yes it s true If you can master this book you will crack the SSC Combined Graduate Level Tier I Tier II Exam for sure The book is the 1st and the Most Innovative Book and makes you feel comfortable Since things are well structured and executed It gives you a proper channel for preparing and guiding you

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