



ZIMBABWE SCHOOL EXAMINATIONS COUNCIL

General Certificate of Education Ordinary Level

MATHEMATICS

4004/2

PAPER 2

NOVEMBER 2019 SESSION

2 hours 30 minutes

Candidates answer on the question paper

Additional materials:

Mathematical instruments

Mathematical tables

Electronic Calculator

Graph paper (if needed)

Allow candidates 5 minutes to count pages before the examination.

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Resources in Education, 1991

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(Re)Constructing Memory: Textbooks, Identity, Nation, and State James H. Williams, Wendy D. Bokhorst-Heng, 2016-07-08 This book engages readers in thirteen conversations presented by authors from around the world regarding the role that textbooks play in helping readers imagine membership in the nation Authors voices come from a variety of contexts some historical some contemporary some providing analyses over time But they all consider the changing portrayal of diversity belonging and exclusion in multiethnic and diverse societies where silenced invisible marginalized members have struggled to make their voices heard and to have their identities incorporated into the national narrative The authors discuss portrayals of past exclusions around religion ethnicity sexual orientation as they look at the shifting boundaries of insider and outsider This book is thus about who we are not only demographically but also in terms of the past especially how and whether we teach discredited pasts through textbooks The concluding chapters provides ways forward in thinking about what can be done to promote curricula that are more inclusive critical and positively bonding in increasingly larger and more inclusive contexts

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School Science Practical Work in Africa Umesh Ramnarain, 2020-06-01 School Science Practical Work in Africa presents the scope of research and practice of science practical work in African schools It brings together prominent science educators and researchers from Africa to share their

experience and findings on pedagogical innovations and research informed practices on school science practical work The book highlights trends and patterns in the enactment and role of practical work across African countries Practical work is regarded as intrinsic to science teaching and learning and the form of practical work that is strongly advocated is inquiry based learning which signals a definite paradigm shift from the traditional teacher dominated to a learner centered approach The book provides empirical research on approaches to practical work contextual factors in the enactment of practical work and professional development in teaching practical work This book will be of great interest to academics researchers and post graduate students in the fields of science education and educational policy *Teacher in Zimbabwe* ,2014

International Handbook of Mathematical Learning Difficulties Annemarie Fritz,Vitor Geraldi Haase,Pekka Räsänen,2019-01-30 This comprehensive volume provides teachers researchers and education professionals with cutting edge knowledge developed in the last decades by the educational behavioural and neurosciences integrating cognitive developmental and socioeconomic approaches to deal with the problems children face in learning mathematics The neurocognitive mechanisms and the cognitive processes underlying acquisition of arithmetic abilities and their significance for education have been the subject of intense research in the last few decades but the most part of this research has been conducted in non applied settings and there s still a deep discrepancy between the level of scientific knowledge and its implementation into actual educational settings Now it s time to bring the results from the laboratory to the classroom Apart from bringing the theoretical discussions to educational settings the volume presents a wide range of methods for early detection of children with risks in mathematics learning and strategies to develop effective interventions based on innovative cognitive test instruments It also provides insights to translate research knowledge into public policies in order to address socioeconomic issues And it does so from an international perspective dedicating a whole section to the cultural diversity of mathematics learning difficulties in different parts of the world All of this makes the International Handbook of Mathematical Learning Difficulties an essential tool for those involved in the daily struggle to prepare the future generations to succeed in the global knowledge society **Policy, Evaluation, and Leadership** Anne Welle-Strand,1996 *KPSC KAS Prelims*

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abused and witnessed traumatic experiences their close relatives and neighbours being executed in cold blood This study was guided by three critical questions i who are the Zimbabwean refugee learners ii what were Zimbabwean refugee learners migration experiences and iii what were Zimbabwean refugee learners school experiences The study employed Bronfenbrenner s Social Ecological Model as its overarching theoretical framework Each stage of the refugee experience was described at each point in time

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