

# ZIMBABWE SCHOOL EXAMINATIONS COUNCIL General Certificate of Education Advanced Level

#### CHEMISTRY

#### NOVEMBER 2014 SESSION

9189/1

2 hours

Additional materials: Answer paper

PAPER 1

Answer paper Data Booklet Mathematical tables and/or electronic calculator Graph paper

TIME: 2 hours

#### INSTRUCTIONS TO CANDIDATES

Write your name, Centre number and candidate number in the spaces provided on the answer paper/answer booklet.

Answer six questions.

Answer two questions from Section A, one question from Section B, two questions from Section C and one other question chosen from any section.

Write your answers on the separate answer paper provided.

If you use more than one sheet of paper, fasten the sheets together.

#### INFORMATION FOR CANDIDATES

The number of marks is given in brackets [ ] at the end of each question or part question.

You are reminded of the need for good English and clear presentation in your answers.

This question paper consists of 9 printed pages and 3 blank pages.

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# **Zimsec 2chemistry Paper 1**

**Umesh Ramnarain** 

#### **Zimsec 2chemistry Paper 1:**

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

Unveiling the Energy of Verbal Art: An Emotional Sojourn through Zimsec 2chemistry Paper 1

In some sort of inundated with displays and the cacophony of immediate interaction, the profound power and emotional resonance of verbal art usually disappear into obscurity, eclipsed by the constant barrage of sound and distractions. However, situated within the musical pages of **Zimsec 2chemistry Paper 1**, a fascinating work of literary splendor that pulses with raw feelings, lies an unforgettable trip waiting to be embarked upon. Composed by a virtuoso wordsmith, that exciting opus courses viewers on a psychological odyssey, delicately revealing the latent potential and profound influence embedded within the intricate internet of language. Within the heart-wrenching expanse with this evocative examination, we can embark upon an introspective exploration of the book is main subjects, dissect its captivating publishing style, and immerse ourselves in the indelible impression it leaves upon the depths of readers souls.

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