

BINDURA UNIVERSITY OF SCIENCE EDUCATION
FACULTY OF SCIENCE EDUCATION
SCIENCE AND MATHEMATICS EDUCATION DEPARTMENT
BACHELOR OF SCIENCE EDUCATION HONOURS DEGREE (HBScEd-Chemistry)
CHE201: ADVANCED PEDAGOGICS IN CHEMISTRY

Duration: 3Hours

AUG 2024

Total Marks 100

Instructions to Candidates

1. Answer any three questions.
2. Relate all answers and examples to the teaching of Chemistry in Zimbabwean schools.
3. Begin each new question on a fresh page.

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1. The Zimbabwe Schools Examination Board recently scrapped off the Science "Alternative to Practical" examination paper at Ordinary Level and replaced it with an actual practical examination. Explain the logic or rationale behind this move with reference to Chemistry. [100 marks]
2. Discuss the importance of formative and summative evaluation in the teaching and learning of chemistry. [100 marks]
3. Describe the control techniques used in effective classroom management. [100 marks]
4. Give an analysis of the strategies that can be effected as a means of improving safety in the chemistry laboratory at school level. [100 marks]
5. Outline the merits and demerits of the problem solving approach to the teaching and learning of advanced level chemistry in Zimbabwean schools. [100 marks]

End of Examination Paper