

**BINDURA UNIVERSITY OF SCIENCE EDUCATION**

**FACULTY OF SCIENCE EDUCATION**

**SCIENCE AND MATHEMATICS EDUCATION DEPARTMENT**

**PCH502 CURRICULUM AND PEDAGOGICAL ISSUES IN CHEMISTRY**

**Programme: MScEd-Chemistry (Block Release)**

**Duration: 3Hours**

**Total Marks 100**

**Instructions to Candidates**

5. Answer any 3 questions.
6. Each question should start on a fresh page.
7. Relate your answers and examples to the Zimbabwean Context.
8. Each question carries 100 marks.

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1. Discuss the challenges that educators might face when implementing Taba's Conceptual-Experiential Model in a standardised testing-driven educational system.
2. Explain the importance of connecting inquiry-based learning and hands-on experiments to real-world applications.
3. Compare and contrast the challenges and benefits of physical accessibility versus digital accessibility in educational settings
4. Imagine you are a school head in a culturally diverse community.
  - a) Develop a three-point action plan to create an inclusive curriculum that represents the diversity of your student body.
  - b) How will you engage teachers, parents, and students in this process?
5. Describe how the COVID-19 pandemic has affected the future of professional development, including the shift towards remote learning and virtual training.

End of Examination Paper