

**BINDURA UNIVERSITY OF SCIENCE EDUCATION**

FACULTY OF SCIENCE EDUCATION

DEPARTMENT OF SCIENCE AND MATHEMATICS EDUCATION

BACHELOR OF SCIENCE EDUCATION HONOURS DEGREE (HBScEd-Chemistry)

CHE112: HISTORY AND PHILOSOPHY OF CHEMISTRY

 AUG 2023

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DURATION:	3 HOURS	TOTAL MARKS	100%
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INSTRUCTIONS

- 1 Answer any three questions.
- 2 Relate your answers and examples to the Zimbabwean context where possible.
- 3 Each question should begin on a new sheet.
- 4 Each question carries 100 marks.

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- 1 Examine any four features common to indigenous knowledge and western chemistry.
  - 2 Discuss any four impacts of Lakatos' work to the development of Chemistry.
  - 3 Compare the realism and idealism viewpoints of the nature of scientific Chemistry.
  - 4 Discuss any four features of Chemistry that makes it a scientific knowledge body.
  - 5 Analyse the development of the language of Chemistry.

END OF EXAMINATION QUESTION PAPER