

BINDURA UNIVERSITY OF SCIENCE EDUCATION

FACULTY OF SCIENCE EDUCATION

SCIENCE & MATHEMATICS EDUCATION DEPARTMENT

HONOURS DEGREE IN SCIENCE EDUCATION (HBScED)

MTE 201 ADVANCED PEDAGOGICS IN MATHEMATICS

TIME: 3 HOURS

INSTRUCTIONS

1. Answer any **three** questions
2. Each question should begin on a new page
3. Each question carries **100 marks**

 JAN 2025

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1. Teacher's deep understanding of subject matter taught is crucial for effective teaching.
Discuss.
 2. Evaluate the importance of syllabus interpretation in mathematics education.
 3. Examine any **four** ways of improving the quality of assessment in mathematics education.
 4. Discuss any **four** factors that influence the choice of teaching methods in mathematics instruction.
 5. Explain the relevance of a specification grid in test construction.

END OF PAPER