

**BINDURA UNIVERSITY OF SCIENCE EDUCATION**  
**FACULTY OF SCIENCE EDUCATION**  
**DEPARTMENT OF CURRICULUM AND EDUCATIONAL MANAGEMENT STUDIES**  
**DIPLOMA IN MATHEMATICS AND GEOGRAPHY EDUCATION**  
**DMG 001(01) : PEDAGOGICS IN MATHEMATICS AND GEOGRAPHY**

**DURATION: 3 HOURS**

**TOTAL MARKS: 300**

**INSTRUCTIONS TO CANDIDATES**

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

**OCT 2024**

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1. Discuss **five** ethical practices that are expected of a professional teacher.  
(100)
  2. Evaluate the view that planning is an essential component in the teaching and learning of mathematics & geography  
(100)
  3. Examine any **four** factors that affect the choice of educational technology in the classroom.  
(100)
  4. Assess the effectiveness of seating arrangement as a control measure against disruptive behaviour in the classroom.  
(100)
  5. Explain the procedures to construct a balanced assessment test. (100)

**END OF PAPER**