

**BINDURA UNIVERSITY OF SCIENCE EDUCATION**

**FACULTY OF SCIENCE EDUCATION**

**SCIENCE & MATHEMATICS EDUCATION DEPARTMENT**

**BACHELOR OF SCIENCE EDUCATION HONOURS DEGREE IN PHYSICS**

**PHE201 (3) : ADVANCED PEDAGOGICS IN PHYSICS**

**TIME: 3 HOURS**

**INSTRUCTIONS**

**JAN 2025**

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

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1. Discuss **any four** characteristics of a holistic physics educator.
  2. Assess the importance of lesson planning to a physics teacher.
  3. For a given physics topic at ordinary level, draw a concept map and justify the need for a concept map when preparing a scheme of work.
  4. Evaluate the pedagogical shifts that have occurred in the teaching of physics from the 16<sup>th</sup> century to present.
  5. Examine **any four** causes of disciplinary problems in schools.

**END OF PAPER**