

BINDURA UNIVERSITY OF SCIENCE EDUCATION

FACULTY OF SOCIAL SCIENCES AND HUMANITIES

DEPARTMENT OF LANGUAGES AND COMMUNICATION SKILLS

**BACHELOR OF SCIENCE HONOURS DEGREE IN CULTURE AND HERITAGE
STUDIES**

**HCHS216: ARCHAEOLOGY AND GEOGRAPHIC INFORMATION SYSTEMS
EXAMINATION**

TIME: 3 HOURS

INSTRUCTIONS

Answer any **THREE** questions. Each question carries **100** marks.

JUN 2024

1. Define the following terms and give a brief explanation on how they function:
 - (a) Geographical Information Systems (GIS)
 - (b) Global Positioning System (GPS)
 - (c) Remote Sensing
 - (d) Spatial relationships
2. Briefly explain how map projections and coordinate systems function within a GIS environment.
3. Using different environmental parameters explain how archaeological predictive models are formulated within a GIS environment.
4. Using specific examples explain how GIS has been used in archaeological research projects.
5. What is Cultural Resource Management and how has GIS revolutionized this discipline?

-END OF PAPER-