

BINDURA UNIVERSITY OF SCIENCE EDUCATION
FACULTY OF SCIENCE & ENGINEERING
GEOSCIENCES DEPARTMENT
MASTER OF SCIENCE DEGREE IN DISASTER RISK MANAGEMENT (MSc.DRM) /
MASTER OF SCIENCE DEGREE IN SUSTAINABLE DEVELOPMENT (MSc.SD)

MDR 508: DISASTER RESEARCH METHODS AND TECHNIQUES /
MSD 506: RESEARCH METHODS

JUN 2023

EXAMINATION

TIME: 3 HOURS

ANSWER ANY THREE QUESTIONS. USE ILLUSTRATIONS AND DIAGRAMS WHERE RELEVANT. MARKS FOR EACH QUESTION ARE INDICATED IN BRACKETS [].

1. Using a tentative research topic in your own field of study, justify the key components of a research report. [25]
2. Mixed methods research approach can either employ sequential, concurrent or transformative research strategies. Using examples of tentative research topics that could be done in your own field of study, examine each of the three strategies used in a mixed methods research approach. [25]
3. Research in disaster risk reduction or sustainable development can employ either probability sampling or non-probability sampling or both depending mainly on the approach being followed in the research. Using specific examples, critically review the two main types of sampling under consideration in this question. [25]
4. For a tentative research topic in your field of study, demonstrate comprehensively and convincingly the collection of data in this specific research. [25]
5. Any research task can either follow the qualitative or quantitative or mixed methods approach. Using a tentative research topic in your field of study, examine how you would analyse your collected data. [25]