



ZIMBABWE EZEKIEL GUTI UNIVERSITY

COLLEGE FOR LIFELONG LEARNING.

Diploma in Occupational Health and Safety

EXAMINATION PAPER

MODULE CODE : DOSH115
MODULE TITLE : Research Methods
SPECIAL REQUIREMENTS : None
DURATION : 2 Hours 25 NOV 2025
LEVEL : 1.1
DATE

INSTRUCTIONS TO CANDIDATES:

1. No cell phones are allowed in the examination venue.
2. Section A is compulsory. In Section B, choose and answer any TWO (2) questions.
3. The number of marks for each question or part question is shown in brackets []
4. Begin each answer on a new page.
5. **DO NOT OPEN THIS PAPER UNTIL THE INVIGILATOR INSTRUCTS YOU TO DO SO.**

QUESTION 1

Define the following terms:

- a) Sample (1)
- b) Population (1)
- c) Census (1)
- d) Research (1)

QUESTION 2

- a) Outline the measures of central tendency. (3)
- b) Tabulate the differences between bad and good interviews (3)

QUESTION 3

- a) State and explain the characteristics of secondary data including the sources (4)
- b) List three types of surveys (3)

QUESTION 4

- a) Compare the differences between qualitative and quantitative research (3)
- b) List three data collection methods (3)

SECTION B – ANSWER TWO QUESTIONS

QUESTION 5

- a) Discuss the importance of research (5)
- b) Outline the types of probability sampling techniques (6)
- c) Describe the best practices when conducting surveys (9)

QUESTION 6

- a) Define research (3)
- b) Outline the guidelines for research proposal (17)

QUESTION 7

- a) Outline the steps of designing a questionnaire (8)
- b) What are the characteristics of a good questionnaire (8)
- c) State any four levels of measurement scales (4)

QUESTION 8

- a) The table below shows the marks obtained by 9 students at Mene High School; hence complete the table (5)

Learner	Mathematics	Science
Job	72	78
Janet	60	65
Joseph	67	89
Saul	57	90
James	56	100
Frank	76	68
Proud	70	65
Michel	80	74
Precious	65	49
Mode		
Mean		
Range		

- b) Outline the characteristics of primary data including the sources (5)
- c) What does "SMART" stand for (5)
- d) What is inferential statistics and give three examples (5)

QUESTION 9

- a) Compare probability and non-probability sampling techniques. (8)
- b) Outline the measures of dispersion or variability (3)
- c) What are the advantages of using the following statistical measures:
 - i. Mean (3)
 - ii. Mode (3)
 - iii. Median (3)

3/1 (pm)