

UNIVERSITY OF SWAZILAND
FACULTY OF SOCIAL SCIENCE
DEPARTMENT OF SOCIOLOGY

FINAL EXAMINATION QUESTION PAPER

TITLE OF PAPER: RESEARCH METHODS

COURSE CODE: SOC 201

TIME ALLOWED: THREE (3) HOURS

INSTRUCTIONS:

- (1) Answer Any Four (4) Questions**
- (2) All Questions Carry Equal Marks**

- Q1. Differentiate between the following terms: hypothesis, empirical generalization, law and theory by giving examples for each.
- Q2. With what kind of ethical issues do sociologists grapple? How do they attempt to resolve these issues?
- Q3. Suppose your sociology lecturer has asked you to carry out a study on homelessness in the area around Matsapha, which qualitative research technique would you find most useful in conducting the study? Explain how you would use the technique to complete the study?
- Q4. Under what conditions are mail questionnaires, telephone interviews, web surveys or face to face interviews best suitable for data collection?
- Q5. Define content analysis and describe the units of analysis used in content analysis.
- Q6. Discuss the importance of carrying out literature review in research.
- Q7. Community Health Centers tend to see a variety of problems, but some centers seem to see more of one kind of problem than others. Out of the last 100 clients seen by each center, a count has been made of those classed as having Social Adjustment Problems, Problems with Living, and Other Problems. The data follow:

	<u>Mental Health Center</u>		
	A	B	C
Social Adjustment	50	40	40
Problems with Living	26	34	20
Other Problems	24	26	40

- (i) What null hypothesis would the chi-square test on this table actually test? 5 Marks
- (ii) Run the appropriate analysis. 23.33 Marks
- (iii) Interpret the results. 5 Marks

- Q8. Consider the following hypothetical data for seven individuals regarding years of education they have completed and the grade in school at which they think sex education should begin:

	A	B	C	D	E	F	G
Years of Education (X)	7	4	13	16	10	22	19
Grade to Begin Sex Education (Y)	13	11	9	7	5	3	1

Draw the scatter-gram for the above data.

8 Marks

Calculate the Pearson's Correlation Coefficient.

20 Marks

Interpret your result.

5.33 Marks