UNIVERSITY OF SWAZILAND
FINAL EXAMINATION PAPER

PROGRAM : BACHELOR OF SCIENCE IN COS, COSE, FSNT AND TADM, YEAR III

COURSE CODE : COS 301, CED301, FNS301, AND TAD301

TITLE OF PAPER : RESEARCH METHODS

TIME ALLOWED : TWO (2) HOURS

INSTRUCTIONS : ANSWER QUESTION ONE (1) AND ANY OTHER TWO (2) QUESTIONS

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QUESTION 1 (COMPULSORY)

(a) Make a distinction between experimental and non-experimental research. **(10 Marks)**

(b) Briefly describe the steps in analyzing qualitative data. **(15 Marks)**

(c) Describe the importance of literature review in the research process. **(15 Marks)**

[TOTAL MARKS = 40]

QUESTION 2

(a) State the circumstance under which RCBD is appropriate and give example.

10 Marks)

(b) Write short notes on the following:
   i. Debriefing
   ii. Randomization
   iii. Correlational research
   iv. Informed consent

(4x5 =20 Marks)
[TOTAL MARKS: 30]

QUESTION 3

(a) Describe *Ex post facto* and *descriptive research.* **(12 Marks)**

(b) Compare and contrast cross-sectional and longitudinal research. **(12 Marks)**

(c) Describe reliability and validity of a research instrument. **(6 Marks)**

[TOTAL MARKS = 30]

QUESTION 4

(a) Describe probability and non-probability sampling and give two examples for each. **(12 Marks)**

(b) Descriptive researches are conducted to establish associations between variables. With justification, indicate whether you agree or disagree with this statement. **(10 Marks)**

(c) Make a distinction between primary and secondary data and give examples for each. **(8 Marks)**

[TOTAL MARKS = 30]