



1ST SEM. 2013/14

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**UNIVERSITY OF SWAZILAND
SUPPLEMENTARY EXAMINATION PAPER**

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

COURSE CODE : COS 301

TITLE OF PAPER : RESEARCH METHODS

TIME ALLOWED : TWO (2) HOURS

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

**DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN GRANTED BY
THE CHIEF INVIGILATOR**

QUESTION 1 (COMPULSORY)

- (a) Describe the **three (3)** types (classes) of objectives of research (15 Marks)
- (b) In the three step approach, describe the three phases of action research. (15 Marks)
- (c) Describe the limitations of case study research. (10 Marks)

[TOTAL MARKS = 40]

QUESTION 2

- (a) Explain what primary and secondary data are and how they are collected. (12 Marks)
- (b) Describe problems related to test/retest reliability tests. (10 Marks)
- (c) Describe type I and Type II error in hypothesis testing. (8 Marks)

[TOTAL MARKS = 30]

QUESTION 3

- (a) Outline the components of a scientific report and explain any two. (15 Marks)
- (b) Describe the following: (5 x 3 = 15 Marks)
 - i. Face validity
 - ii. Correlational research
 - iii. Ratio scale

[TOTAL MARKS = 30]

QUESTION 4

- (a) Describe the **three (3)** kinds of hypotheses (10 Marks)
- (b) Explain the following: (5 x 4 = 20 Marks)
 - i. Repeated measures design
 - ii. Interrater reliability
 - iii. Comparative research
 - iv. Action research

[TOTAL MARKS = 30]