UNIVERSITY OF SWAZILAND

SUPPLEMENTARY EXAMINATION PAPER

PROGRAMME   :   BACHELOR OF SCIENCE IN
                          FSNT, HE, HEE and TADM YEAR III

STUDENT NUMBER.........................

PROGRAMME................................

COURSE CODE   :   HE 301

TITLE OF PAPER   :   RESEARCH METHODS

TIME ALLOWED   :   TWO (2) HOURS

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

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GRANTED BY THE CHIEF INVIGILATOR**

QUESTION 1 [COMPULSORY]

Circle one correct statement.

a) A problem statement needs to be
   i) Clearly stated and specific to a problem that needs to be attended to
   ii) Broad in scope to address other issues
   iii) Focused on literature
   iv) Stated with assumptions and general information
   v) Inclusive of the significance of the problem

b) Objectives should be written in the following manner:
   i) Formulate SMAT objects
   ii) They follow the abstract
   iii) Formulated using action words and be measurable
   iv) Should include how data will be analyzed
   v) All of the above

c) Literature review has many benefits which are:
   i) Makes you to attend conferences
   ii) Provides new ideas and approaches you were not aware of
   iii) Assists in the interpretation of your findings
   iv) Reveals other raw data that may be hidden
   v) Increases skepticism in why other people have done a similar study

d) In the justification of a research project, the researcher should state the following:
   i) Practical value of the study of peoples lives
   ii) Problem statement of the research project
   iii) How results can be generalized beyond the scope of the study
   iv) Assumptions related to be study
   v) All of the above

e) Review of literature may assist the researcher in deciding on a research idea in the following ways:

   i) Give an idea of duplicating a project as done before
   ii) Only offers ideas on the current situation
   iii) Prescribe what should be studied
   iv) Not to challenge research findings that are inconsistent with existing theory
   v) Explore contradictory findings in previous studies

f) The background of your research proposal forms the introduction and it should have the following:

    i)   Statement on the specifics of the problem
    ii)   Statement on what is known about the research idea
    iii)   Illogical lead into the problem statement
    iv)   Conclusion of the research idea
    v)   Basis of the research methodology

g) A published review paper has the following characteristics:
    i)   Introduction
    ii)   Problem statement
    iii)   Research design
    iv)   Results and discussion
    v)   All of the above

h) Propositions for which no information can be made available within the scope of the study is part of which portion of the proposal?
    i)   Background
    ii)   Assumptions
    iii)   Limitations
    iv)   Justification
    v)   Purpose

i) A well written title of a research proposal should have the following?
    i)   More than 15 words
    ii)   Sample size of people being investigated
    iii)   Indicate the population being investigated
    iv)   (i) and (ii)
    v)   All of the above

j) Quantitative research can be distinguished from qualitative research in that the research process characteristics are as follows:
    i)   Holistic
    ii)   Has a static design
    iii)   Context bound
    iv)   Focused
    v)   Only (ii) and (iv)
    vi)   All of the above

k) The following advice can be given to a young researcher when writing the background.
    i)   It can utilize five key references
    ii)   Review only old references
    iii)   Include even references not aligned with the research idea

    iv)   Use technical language to impress the reader

    v)   All of the above

l) The meaning of self-administered questionnaire

    i)   The teacher completes the questionnaire

    ii)   The respondent completes the questionnaire

    iii)   The researcher distributes and collects the questionnaires

    iv)   All of the above

    v)   None of the above   [12 x 5 = 60 marks]

                                                [TOTAL = 60 MARKS]

QUESTION 2

Match the following terms with suitable terms below.

a)   _____ Reliability

    _____ Mean

    _____ Likert-scale

    _____ Ex post facto

    _____ Numerical variable

    _____ Construct validity

    _____ Ratio scale

    _____ Face validity

    _____ Interval scale

    _____ Variance

i) bad-------------good	ii) correlation
iii) 5 4 3 2 1	iv) temperature
v) use of appropriate words in a questionnaire	vi) + 2 Standard deviation
vii) age	viii) average
ix) well designed questionnaire	x) 0.85
xi) neatly written questionnaire	xii) 1.2
xiii) causal comparative	xiv) grades

                                  [10X 2 = 20 marks]

                                  [Total = 20 marks]

QUESTION 3

Describe how the data collection and data processing sections should be written in a quantitative study.

[5X2 = 10 X2 = 20]
[Total = 20 marks]

QUESTION 4

Describe how results and discussions should be written in a quantitative research project.

[5X2 = 10X2 =20]
[Total marks = 20]