UNIVERSITY OF SWAZILAND

FACULTY OF HEALTH SCIENCES

SUPPLEMENTARY EXAMINATION

JULY 2017

COURSE CODE: HSC 403

COURSE TITLE: HEALTH SYSTEMS RESEARCH

TIME ALLOWED: 2 HOURS

INSTRUCTIONS:
1) ANSWER ALL THREE (3) QUESTIONS
2) EACH QUESTION IS TO BE ANSWERED ON A SEPARATE SHEET OF PAPER
3) NUMBER OF PAGES - 5

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QUESTION 1A

Choose the most appropriate answer as follows; 40 - D

1. Correlation studies seek to;
A. Determine differences between variables
B. Identify a group with particular characteristics
C. Identify an issue/problem and find out what happened backwards
D. Determining associations/relationships between variables

2. In quasi experimental studies one of the following procedures is NOT carried out;
A. Manipulation
B. Data collection before & after the experiment
C. Random sampling
D. Comparing results from both experimental and control groups

3. Background variables are;
A. Age, sex and pain
B. Age, sex and satisfaction
C. Age, sex and stress
D. Age, sex and religion

4. An operational definition;
A. Describes how a variable understudy is going to be observed and measured
B. What data techniques will be used?
C. How data will be collected
D. How extraneous variables will be controlled

5. Reliability determines;
A. The degree to which study findings could be generalized to the general population
B. Repeatability of study using the same methodology over time
C. Transferability of results to other contexts
D. Truthfulness of the scientific findings

[5 marks]

QUESTION 1B

During preparation of data collection what information do you need to determine about the length it would take to collect the data? (Each point carries one (1) mark)

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QUESTION 1C

Factors in problem analysis are in fact variables which have negative values, change the following to variables (5)

    a. Poor nutritional
    b. Lack of resource
    c. Lack of services
    d. Lack of funding
    e. Poor knowledge   [5 marks]

QUESTION 1 D

Discuss five (5) criteria for identifying and prioritizing a research topic (Note that each category will have two (2) marks each

[10 marks]

TOTAL – 25 MARKS

QUESTION 2

A. Explain ten (10) Guidelines for Health systems research (Each point carries one (1) mark)

[10 marks]

B. Describe the empirical stage of the nursing research process

[8 marks]

C. Define a research problem

[2 marks]

D. What are characteristics of a good facilitator for a focus group discussion? *Facilitator: must* have these qualities: (Each point carries one (1) mark)

[5 marks]

TOTAL MARKS – 25

QUESTION 3

A. Define sample frame

[1 mark]

B. Give four (4) reasons why literature review is important in research development (Each point carries one (1) mark)

[4 marks]

C. Explain how you would conduct a simple random sampling and give an example of simple random sampling (Each point carries one mark)

[5 marks]

D. State five (5) risks of pre-categorized answers (Each point carries one mark)

[5 marks]

E. Describe five (5) strategies to address the above risks (Each point carries one (1) mark)

[5 marks]

F. Explain the consideration for group composition when conducting a focus group discussion (Each point carries one (1) mark

[5 marks]

TOTAL MARKS - 25

GRAND TOTAL [75 MARKS]