



<b><u>FACULTY</u></b>	: Health Sciences
<b><u>DEPARTMENT</u></b>	: Environmental Health
<b><u>CAMPUS</u></b>	: DFC
<b><u>MODULE</u></b>	: RMENVA2 RESEARCH METHODOLOGY MODULE A
<b><u>SEMESTER</u></b>	: First Semester
<b><u>EXAM</u></b>	: July Supplementary Exam 2019

<b><u>DATE</u></b>	: 16 July 2019	<b><u>SESSION</u></b>	: 15:00-18:00
<b><u>ASSESSOR(S)</u></b>	: Dr. P. Muchesa		
<b><u>MODERATOR</u></b>	: Mr. TP Mbonane		
<b><u>DURATION</u></b>	: 3 Hours	<b><u>MARKS</u></b>	: 150

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NUMBER OF PAGES: 3 PAGES

INSTRUCTIONS:

1. Answer ALL THE QUESTIONS.
  2. Number your answers clearly
  3. You will be penalised if your answers are not properly structured and numbered.
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**QUESTION 1**

- 1.1 List six (5) difficulties associated with writing literature reviews that a researcher must guard against. (5)
- 1.2 Discuss the purpose of conducting a review of literature as a researcher? (5)
- 1.3 You are tasked to conduct a literature review as a co-researcher in your research team, how will you conduct a review? (7)
- 1.4 What will you benefit by conducting a thorough literature review? (5)
- 1.5 Differentiate between descriptive and analytical studies. (8)
- [30]**
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**QUESTION 2**

- 2.1 Why must you conduct research? (6)
- 2.2 Describe the differences between the qualitative and quantitative approaches (8)
- 2.3 Discuss the nine (9) components of a research protocol. (18)
- [32]**
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**QUESTION 3**

- 3.1 Describe steps of developing a questionnaire. (27)
- 5.4 What are the guidelines for developing or deciding on a research instrument? (5)
- 3.2 Discuss six (6) obstacles that can hinder a researcher from completing a research project assigned to them. (12)
- [44]**
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**QUESTION 4**

- 4.1 Differentiate between an action and applied research methodology. (4)
- 4.2 List types of research instruments for qualitative study. (8)
- 4.3 List and discuss any three (3) ethical aspects that should be considered (6)
- [18]**
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**QUESTION 5**

- 5.1 Discuss methods of random sampling. (8)
- 5.2 Why do you need to sample as a researcher? (4)
- 5.3 What are the factors affecting the inferences of samples? (2)
- 5.6 What is the purpose of a research design? (3)
- 5.7 Differentiate between qualitative and quantitative research designs. (6)
- 5.8 What are the factors that you must consider for an experimental design? (3)

**[26]**

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**TOTAL MARKS 150**