



**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

**MAIN CAMPUS
UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR**

THIRD YEAR FIRST TRIMESTER EXAMINATION

**FOR THE DEGREE
OF**

BACHELOR OF SCIENCE IN HEALTH PROFESSION EDUCATION/

COURSE CODE: BSP 317

COURSE TITLE: INTRODUCTION TO RESEARCH

MAIN PAPER

DATE: THURSDAY 21ST APRIL 2022

TIME: 2:00-5:00 PM

INSTRUCTIONS TO CANDIDATES

- SEC A: Multiple Choice Questions (MCQ)
- SEC B: Short Answer Questions (SAQ)
- SEC C: Long Answer Question (LAQ)

- 20 MARKS.
- 40 MARKS.
- 40 MARKS

Time: 3 HOURS

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 4 Printed Pages. Please Turn Over.

Section A: Multiple Choice Questions**(20 Marks)**

1. The main concept behind doing research is to
 - a) Study and explore knowledge.
 - b) Start with a predefined and clear-cut objectives.
 - c) Get new ideas.
 - d) Define clear objectives.
 - e) All the above.
2. In order to begin research, one must
 - a) Start with a number of clear goals.
 - b) Start with a number of predefined objectives.
 - c) Have a well defined research method.
 - d) Solve the research problem
3. The research that is especially carried out to test and validate the study hypotheses is termed
 - a) Fundamental research
 - b) Applied research
 - c) Conclusive research
 - d) Exploratory research
4. The research studies that explore the effect of one thing on another and more specifically, the effect of one variable on another are known as
 - a) Causal research
 - b) Applied research
 - c) Conclusive research
 - d) Exploratory research
5. The research that applies the laws at the time of field study to draw more and more clear ideas about the problem is
 - a) Action research
 - b) Experimental research
 - c) Applied research
 - d) Survey research
6. A research problem is not feasible only when
 - a) It consists of independent and dependent variables
 - b) It is researchable
 - c) It has utility and relevance
 - d) It is new and adds something to knowledge
7. Participant observation is the process of immersing yourself in the study of
 - a) Processes
 - b) Organization
 - c) People
 - d) Methods
8. A research method 'ethnography' is the process of describing a
 - a) Culture
 - b) way of life
 - c) Both 'A' and 'B'

- d) None of the above
9. Which of the following is an way of doing social science research?
- Case study
 - Game study
 - Plan study
 - Process study
10. A successful research requirements
- Planning
 - Guidance
 - Expert
 - All of the above
11. An operational definition is:
- One that bears no relation to the underlying concept.
 - An abstract, theoretical definition of a concept.
 - A definition of a concept in terms of specific, empirical measures.
 - One that refers to opera singers and their work.
12. Which of the following is not a form of measurement validity?
- Concurrent validity
 - Face validity
 - Conductive validity
 - Convergent validity
13. Quantitative social researchers rarely claim to have established causality because:
- They are more concerned with publishing the results of their reliability tests.
 - They do not believe that this is an appropriate goal to be striving for.
 - They keep forgetting which of the variables they have manipulated.
 - They tend to use cross-sectional designs, which produce only correlations.
14. Quantitative research has been criticized because:
- the measurement process suggests a false and artificial sense of accuracy
 - the reliance on instruments and procedures makes it high in validity
 - it underestimates the similarities between objects in the natural and social worlds
 - it underestimates the similarities between objects in other worlds
15. The term 'reverse operationism' means that:
- The theories we devise will often hinder our attempts to measure concepts.
 - The measurements we devise can sometimes help to develop a theory.
 - Techniques such as factor analysis have no place in social research.
 - Driving instructors always make you practice the most difficult manoeuvre.
16. Written accounts of quantitative research rarely include the results of reliability and validity tests because:
- Researchers are more interested in reporting their operational definitions.
 - Researchers don't really think that these tests are important.
 - Journal editors have banned these kinds of articles.
 - researchers are more interested in reporting their substantive findings

17. According to the text, which of the following orders is the recommended in the flowchart of the development of a research idea?

- Research topic, research problem, research purpose, research question, hypothesis
- Research topic, research purpose, research problem, research question, hypothesis
- Research topic, research problem, research purpose, research question, hypothesis
- Research topic, hypothesis, research problem, research question, research purpose

18. One step that is not included in planning a research study is:

- Identifying a researchable problem
- A review of current research
- Statement of the research question
- Conducting a meta-analysis of the research
- Developing a research plan

19. When selecting a sample for the “sample design”, the sample represent

- The whole possible set.
- A segment of the whole selected at random.
- A segment of the whole that best represent the set.
- The whole set.

20. Ethical concerns should be considered in data collection that involves people, which include

- Avoiding bias.
- Using inappropriate research methodology.
- Incorrect reporting.
- Inappropriate use of information.
- All the above.

Section B: Short Answer Questions

(40 marks)

- Describe four reasons for conducting literature 4 marks
- Explain six significant of conducting research 6 marks
- Outline five factors to be considered during unstructured observational data collection method 5 marks
- Explain five internal threats to data validity 5 marks
- Outline five characteristics of descriptive research design 5 marks
- Explain five guidelines used in critiquing data collections plan 5 marks
- Outline the first five steps of testing a hypothesis 5 marks
- Describe Grounded theory with regards to resemble 5 marks

Section C: Long Answer Question

(40 Marks)

- Discuss Four major descriptive research designs used by health care worker researchers (20 marks)
- Describe significant steps used while undertaking a research project (20 Marks)