

BOTSWANA COLLEGE OF OPEN DISTANCE LEARNING

(BOCODOL)

OFFERING REGION: GABORONE

Programme: BEd: Primary

Test: RME 212

Course Name: Research Methods in Education

Course code: RME 212

Tutor(s): F. Phuti & G.R. Mafatlane

SECTION A - MULTIPLE- CHOICE (10)

Answer ALL questions in this section. Circle the correct answer.

1. A problem variable is
 - a. An independent variable
 - b. A dependent variable
 - c. a problem statement
 - d. A study topic

2. Which of the following refers to methodology?
 - a. The techniques used to obtain data
 - b. Something that is undertaken in order to find out things in a systematic way, their by increasing knowledge
 - c. Empirical foundation of the problem
 - d. The theory of how research should be undertaken

3. What are the two sources of belief are
 - a. Positivism and ontology
 - b. Perceptual belief and empirism
 - c. Epistemology and positivism
 - d. Rationalism and empirism

4. Which of the following indicates ontology
 - a. Inductive reasoning
 - b. The meaning of reality
 - c. ethics
 - d. positivism

5. Grey literature refers to
 - a. Secondary literature that is difficult to find
 - b. Previous research
 - c. Primary data that is difficult to find
 - d. Critical appraisal of literature

6. A good questionnaire
 - a. Has more question items
 - b. Is valid
 - c. Is reliable
 - d. Has open ended items

7. Which of the following is also known as periodicals
 - a. Books
 - b. Theses
 - c. Reports
 - d. Journals

8. Use of different data collection techniques within one study is
- Mono method research
 - Quantitative research
 - Triangulation
 - Qualitative research
9. Which of the following are ideal when identifying a research problem
- Questionnaire
 - Ethnographhy
 - Interview
 - observation
10. Which of the following is the correct order in terms of research methodology?
- Research design, population, sampling procedure and the sample
 - Research design, sampling procedure, population, and the sample
 - The sample, the research design, population and data collection
 - Methods, ideas, research questions and research design

SECTION B – MATCHING (10)

Match the following statements with the correct answer;

	Statement	Options
1	Research model	I. Research hypothesis
2	Teachers in Botswana rely significantly on the syllabus during class assessment	II. Independent variable
3	Botswana has a history of using examination results as a tool to judge the quality of students and that of schools.	III. Sampling techniques
4	Botswana secondary education as a means of ensuring that learners acquire relevant skills that the society intended them to develop as stipulated in the curriculum is not achieving its intention.	IV. Telephone interview
5	A manipulated factor	V. Significance of the study
6	Snow balling	VI. Literature review
7	Data collection tool	VII. Back ground to the problem
8	Critically and analytically reviewing the experiences, findings, and the design, method, analysis used by other researchers.	VIII. Statement of the problem
9	Believing that the sample represents the population	IX. Theory
10	Implications of the findings	X. Assumptions
		XI. Research

SECTION C - STRUCTURED

Answer ALL questions in this section

1. Define educational research. (1)

2. State two advantages of using an interview. (2)

3. Differentiate between content validity and criterion related validity.(2)

4. Differentiate between population and sample (2)

5. Outline two reasons for carrying out literature review(2)

6. What is the aim of theory in research? (1)

7. What is the aim of philosophy in research (1)

8. What do you understand by 95% level of certainty? (1)

9. List 4 points to bring out when carrying out literature review. (4)

10. State one reason for having a sample in a research study.
(1)

11. What is the definition of ethics, and how does this definition relate to research?(2)

SECTION D: CASE STUDY (20)**Answer all questions**

Read the research article attached and answer the following questions.

1. State the purpose of the study (1)
2. What are the objectives of the study(3)
3. From your own understanding of the research paper, come up with the significance of the study (3)
4. Which philosophy was followed to carry out the study? Justify your answer (3)
5. What was the population of the study? (1)
6. What is the sample technique used in the study? Explain the technique. (3)
7. Which theoretical framework was used in the study? Briefly explain how it was used to drive the study (3)
8. What are the findings of the study, give one per objective (2)
9. Write down one reference from the study using APA style and state the type source (1)

SECTION E -ESSAY (20 X 2) (40)

- a) In research, ethical considerations are very important. There are four areas of ethical issues. Name and discuss each area and elaborate on the responsibility of the researcher. (20)
- b) Discuss 5 Differences between qualitative and quantitative research approaches. (20)
- c) Discuss all possible ways to ensure reliability and validity of a questionnaire in educational research. (20)