

MARCH 2021
EBS 339J
INTRODUCTION TO RESEARCH METHODS
IN EDUCATION
30 MINUTES

Candidate's Index Number:
Signature:

UNIVERSITY OF CAPE COAST
COLLEGE OF EDUCATION STUDIES
SCHOOL OF EDUCATIONAL DEVELOPMENT AND OUTREACH
INSTITUTE OF EDUCATION

COLLEGES OF EDUCATION
FOUR-YEAR BACHELOR OF EDUCATION (B.ED)
THIRD YEAR, FIRST SEMESTER MID SEMESTER QUIZ, MARCH 2021

MARCH 16, 2021

INTRODUCTION TO RESEARCH METHODS
IN EDUCATION

3:00 PM – 3:30 PM

Answer ALL the questions.
(20 marks)

For items 1 to 18, each stem is followed by four options lettered A to D. Read each item carefully and circle the letter of the correct or best option.

1. Which one of the following sources of literature is a primary source?
A. Book of research abstracts.
B. Encyclopaedia de Britannica.
C. Handbooks.
D. Yearbooks.
2. Asking participants to recruit further participants by word-of-mouth is what type of sampling?
A. Quota.
B. Self-Selecting.
C. Snowball.
D. Stratified random.
3. Which one of the following is the main problem with non-probability sampling techniques?
A. High cost to carry out.
B. Human judgement error.
C. Informants may refuse to participate.
D. The results may not be representative.
4. Why do you need to review the existing literature when investigating a phenomenon?
A. Because without it, you could never reach the required word-count.
B. To find out what is already known about your area of interest.
C. To make sure you have a long list of references.
D. You enjoy reading the academic research on your topic.

5. Which one of the following **best** defines a research design?
- A. A framework for every stage of the collection and analysis of data.
 - B. A way of conducting research that is not grounded in theory.
 - C. The choice between using qualitative or quantitative methods.
 - D. The style in which you present your research findings.
6. The type of research design which is used to determine the current state of a phenomenon is known as design.
- A. action
 - B. correlational
 - C. descriptive
 - D. quantitative
7. Which one of the following data collection technique(s) involves the use of vision as a major mode of data gathering?
- A. Interviewing.
 - B. Observation.
 - C. Testing.
 - D. Use of questionnaires.
8. Which one of the following forms of research designs usually examines associations among several variables?
- A. Action.
 - B. Correlational.
 - C. Descriptive.
 - D. Experimental.
9. Which one of the following sampling methods would be **most** suitable in selecting a sample from a class list for a study?
- A. Cluster.
 - B. Purposive.
 - C. Stratified.
 - D. Systematic.
10. Which one of the following statements **best** describes critical review of literature?
- A. Being negative about something before you read it.
 - B. Evaluating what you read in terms of your own research questions.
 - C. Scanning through the material to criticise what other people has done on the topic.
 - D. Suggesting that the previous research was always poorly conducted.
11. The type of literature review that focuses on the description of an investigation written by the person who conducted the study is known as literature review.
- A. grey
 - B. primary
 - C. secondary
 - D. tertiary
12. How many stages would one normally go through in the development of the literature review?
- A. 1

- B. 2
- C. 3
- D. 4

Use the information below to answer questions 13 to 15.

A researcher set out to investigate the causes of teenage pregnancy and its effect on the social economic status of residence in an area. He specifically chose a region and subsequently selected any four districts in the region for the study. In selecting the sample of 200, the researcher chose 50 participants from each of the districts irrespective of the population in each district.

13. What is the appropriate design for the study?
 - A. Action.
 - B. Ex post facto.
 - C. Experimental.
 - D. Quasi-experiment.
14. In choosing the four districts, what sampling procedure was adopted by the researcher?
 - A. Proportionate.
 - B. Purposive.
 - C. Simple random.
 - D. Stratify.
15. What sampling procedure was used to select the 200 participants for the study?
 - A. Proportionate.
 - B. Purposive.
 - C. Quota.
 - D. Snowball.
16. Which one of the following is **not** an advantage of using interview as a means of data collection in educational research?
 - A. Interview attracts a relatively high response rate.
 - B. Interviews are costly and time consuming.
 - C. Interviews can be adjusted to meet different situations.
 - D. Interviews do not require respondents to be literate.
17. Which one of the following types of research is referred to as emancipatory research?
 - A. Action.
 - B. Case study.
 - C. Descriptive.
 - D. Experimental.
18. The whole collection of elements in which the researcher is interested in a study is known as
 - A. cases.
 - B. population.
 - C. respondents.
 - D. sample.

Items 19 and 20 are statements followed by True and False options. Read each statement carefully and indicate whether it is True or False by circling the letter of the correct option.

19. Qualitative research approach most often produces a theory than quantitative research approach.

- A. True
- B. False

20. In questionnaire development, the type of question that asks the respondents to give information about other people is known as a direct question.

- A. True
- B. False