

JUNE 2023
EPS 352SW
RESEARCH METHODS IN EDUCATION
1 HOUR 30 MINUTES

Candidate's Index Number

IE | MAS | ST

Signature: _____

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

FIVE-SEMESTER BACHELOR OF EDUCATION (SANDWICH) PROGRAMME
LEVEL 350, END-OF-FIRST SEMESTER EXAMINATION, JUNE 2023

23RD JUNE 2023 RESEARCH METHODS IN EDUCATION 4:30 PM - 6:00 PM

SECTION B
(40 MARKS)

Answer any TWO questions from this Section.

1.
 - a. List all the **six** scientific processes involved in conducting research. 6 marks
 - b. Differentiate between *basic* and *applied* research under the following 14 marks
 - i. selection of research problems and subjects.
 - ii. the driving goal under the conduct of the research.
 - iii. the primary concern of conducting the research.

2.
 - a. With a practical example, explain what a research problem is. 6 marks
 - b. Discuss any **three** characteristics of a good research problem. 6 marks
 - c. Explain any **two** sources of a research problem with practical examples. 8 marks

3.

- a. How would you differentiate between the following pairs of concepts in research?
- i. Convenience and purposive sampling techniques **4 marks**
 - ii. Open-ended questions and closed-ended questions. **4 marks**
 - iii. Direct and indirect observation. **4 marks**
- b. Give any **one** reason why probability sampling is generally preferred in comparison to non-probability sampling? **2 marks**
- c.
- i. Under what circumstances would stratified random sampling design be considered appropriate? **2 marks**
 - ii. As a researcher, how would you select a stratified random sample for a study? Use an example to explain your answer: **4 marks**

4.

- a. Define *action research*. **5 marks**
- b. Give an example of investigation that would be considered as action research. **5 marks**
- c. List any **two** assumptions under which action research operates. **5 marks**
- d. Explain any **two** types of action research **5 marks**