

THE UNIVERSITY OF ZAMBIA
SCHOOL OF HUMANITIES AND SOCIAL SCIENCES
2018/2019 FINAL EXAMINATION
6th NOVEMBER 2019

DEM 2110: SOURCES AND MEASURES OF DEMOGRAPHIC DATA

TIME: THREE HOURS

INSTRUCTIONS: Answer **ALL** questions in Section A and B. Answer **ONE** question from Section C.

SECTION A: COMPULSORY (30 MARKS)

1. Define the following
 - a. Population census
 - b. Housing census
 - c. Sample survey
 - d. Civil registration
 - e. Vital events
 - f. Population registration
2. A number of topics are investigated in a population census and these are categorised under nine headings. Name these headings and give two examples of data collected/core topics investigated under each.
3. State five topics investigated in a housing census.
4. Name the ten vital events recommended for civil registration.
5. For each of the following definitions, give the name of the concept that best suits it.
 - a. Refers to usual household members present and usual household members temporarily absent at the time of the census.
 - b. Refers to errors in the characteristics of the persons counted.
 - c. It involves questioning respondents about events that have already occurred.
 - d. Errors that result from selecting a sample of the population instead of canvassing the entire population.

- e. Refers to omission or duplication of persons or households.
 - f. It involves recording events as they happen among the target population.
 - g. Error that is mainly due to adopting wrong procedures in the system of data collection and/or processing.
 - h. Refers to household members and visitors who spent the census day/night at a household.
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SECTION B: COMPULSORY (40 MARKS)

1. Population census undertaken by a country has to meet certain standards. Among these standards, the United Nations recommends that population census should have at a minimum four essential features. List and explain these four essential features.
2. Differentiate the two methods of enumeration, explaining two advantages and disadvantages of each method.
3. Define civil registration method and explain four of its characteristics.
4. Demonstrate your knowledge and understanding of survey sampling by answering the following questions.
 - i. Explain the two concepts invented by John Graunt and their application to today.
 - ii. Explain the three important principles in Anders Kiaer's approach
5. Discuss five factors that affect data collection in Africa.

SECTION C: ANSWER ONE QUESTION (30 MARKS)

1. Planning and organization for a population and housing census has a number of common elements that include the preparatory work. Explain in detail all the activities under the preparatory work for a census citing relevant examples under each activity.
2. Demonstrate your knowledge and understanding of sample survey planning and execution by explaining in detail all the stages and activities involved in a survey citing relevant examples under each.

END OF EXAMINATION.

"Things get done only if the data we gather can inform and inspire those in a position to make [a] difference" Mike Schmoker