

**THE CO-OPERATIVE UNIVERSITY OF KENYA**  
**UNIVERSITY EXAMINATIONS –OCT/NOV-2019**

**PROGRAMME (DIPLOMA)**

**COURSE CODE: COCM 1208**

**COURSE NAME: RESEARCH METHODS.**

**(MAIN EXAM)**

**DATE:**

**TIME:**

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**INSTRUCTIONS TO CANDIDATES: Attempt question ONE and any other TWO questions**

**TIME: 2HOURS**

**QUESTION ONE COMPULSORY (30 MKS)**

Mr. Kamau who graduated with a diploma certificate at the Co-operative University of Kenya recently has been offered a job as a part of staff in an Agricultural Research Institute.

- a. Frame the title of one of the research he is likely to carry out (4mks)
- b. State three measurable objectives of the research he may do from the title framed (3mks)
- c. Draw a conceptual framework and indicate clearly dependent and independent variables(6mks)
- d. Explain the three main international guides he is likely to follow when writing research project(6mks)
- e. Briefly describe by citing examples the two main types of sampling techniques he may use(6mks)
- f. Researchers are expected to observe ethics while conducting the exercise. Explain Five ethical issues Mr. Kamau may follow during research(5mks)

#### **QUESTION TWO (20 MKS)**

- a. A student who was defending a diploma proposal was asked to differentiate between the terms survey research and desk research. What could have been the appropriate response (8mks)
- b. Discuss the Three main types of data collection methods in survey research (12mks)

#### **QUESTION THREE (20 MKS)**

- a. Discuss the main contents of background to the study in research(8mks)
- b. Explain the meaning of the term “research problem”(4mks)
- c. Discuss the main challenges encountered in topic selection(8mks)

#### **QUESTION FOUR (20 MKS)**

- a. Briefly explain Four types of research designs (8mks)
- b. What are some of the hypotheses tested during data analysis(12mks)

#### **QUESTION FIVE (20 MKS)**

- a. Explain the reasons why literature review is done(14mks)
- b. Use examples to illustrate how data is analyzed(6mks)