TIME ALLOWED: 3 HRS.

Note: Answer question one and any other three questions

QUESTION 1 (COMPULSORY)

a) List three (3) reasons why people do research (3 Marks)

b) When do we use open-ended research questions (1 Mark)

c) Name three (3) examples quantitative research methods (3 Marks)

d) Differentiate between:
   i. Confidentiality and inform consent (2 Marks)
   ii. Observational and experimental studies (2 Marks)
   iii. Stratified and cluster sampling (2 Marks)

e) List two (2) examples of analytical studies (2 Marks)

QUESTION 2

a) List four (3) types of research instruments (3 Marks)

b) Name three advantages of using open ended questions (3 Marks)

b) Describe three (3) ethical issues related to individual researcher (6 Marks)

c) Briefly describe two main types of research (3 Marks)

QUESTION 3

a) Define report writing (2 Marks)
b) List two (2) importance of report writing (2 Marks)

c) Outline and briefly discuss the major components of report writing (8 Marks).

d) Name three (3) basic components/elements of informed consent in research (3 mks)

QUESTION 4

a) Briefly outline four (4) probability sampling methods giving (6 Marks)

b) Name four (4) approaches of disseminating research findings (4 Marks)

c) Define confidentiality in the context of research and describe three (3) measures you as a researcher would put in place to ensure confidentiality is maintained on the information/data obtained from participants (5 Marks)

QUESTION 5

a) Name three (3) basic components/elements of informed consent in research (3 mks)

b) Differentiate between analytical and descriptive studies giving two example in each case (4 Marks)

c) Briefly discuss the steps involved in the research process (8 marks)

QUESTION 6

a) Define sample (1 Mark)

b) Write short notes on (6 Marks)
   i. Hypothesis
   ii. Cluster sampling
   iii. Type I error

c) Differentiate between:
   i. Key informant and focus group discussion (2 Marks)
   ii. Project and research proposal (2 Marks)
   iii. Close and open ended questionnaire (2 Marks)
   iv. Observational and experimental studies (2 Marks)