

### Question 1

Select a topic of your choice and write a proposal [40]

### Question 2

- a) Define the following terms and give one example for each;
- b) Systematic sampling; [5]
- c) Snowball sampling; [5]
- d) Cluster sampling; [5]
- e) Stratified sampling; [5]
- f) Null and alternative hypothesis; and [5]
- g) Type 1 and type 11 errors. [5]

### Question 3

- a. Differentiate stratified random sampling from cluster sampling. [5]
- b. Illustrate how you would use systematic sampling to obtain a sample of 55 participants from a population of 550 employees. [5]
- c. Explain the type 1 and II error. [7]
- d. Discuss the steps followed when conducting quantitative research. [13]

### Question 4

- a) Explain the characteristics of a research problem or phenomenon [8]
- (b) i. differentiate between a research problem and hypothesis [6]
- ii. Examine why it is important to review literature in a research [6]
- (c) Name the types of validity [4]
- (d) Name the types of reliability [6]

### Question 5

Explore ethical dilemmas found in social research [30]