INSTRUCTIONS TO CANDIDATES

Answer ALL questions in section A and any other THREE in section B.

This paper consists of 2 printed pages. Please turn over
SECTION A (25 MARKS)

1. Distinguish between;
   a. Null hypothesis and alternative hypothesis
   b. Conceptual framework and theoretical framework (5 Marks)

2. Write short notes on primary and secondary data in research (5 Marks)

3. Outline four challenges faced in population sampling (4 Marks)

4. Outline the characteristics of a good sample (6 Marks)

5. Why is it necessary to conduct literature review? (5 Marks)

SECTION B (45 MARKS)

ANSWER ANY 3 QUESTIONS

6. Write short notes on the steps of a research process (15 Marks)

7. a. Explain the qualities of a good questionnaire (7 Marks)
   b. Discuss considerations an investigator makes in selecting a particular research design (8 Marks)

8. a. Explain the importance of hypothesis in research (5 Marks)
   b. Discuss ethical considerations you need to observe in carrying out a research (10 Marks)
9. a. Discuss common problems encountered in research. **(8 Marks)**
   b. Discuss features of a good experimental design **(7 Marks)**

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