ACMT 390 RESEARCH METHODOLOGY MAIN EXAM QUESTION 0NE(30 MARKS)

A. *List and explain four qualities of a good research (4 Marks)*
B. *Explain nine sources of a Research Problem (3 Marks)*
C. *Define Literature Review and explain its importance-5 points (3 Marks)*
D. *Differentiate between Empirical Literature Review and Theoretical Literature Review (2 Marks)*
E. *What is a Research Design and explain five areas in which Research Design can be split into (3 Marks)*
F. *As Research Head in Insurance/Statistics or Finance department , you have been tasked to come up with a proposal affecting the mentioned areas. Under the following guidelines, come up with the proposal;*
   1. *Background of the study*
   2. *Research Problem*
   3. *General and specific objectives*
   4. *Significance of the study*
   5. *Limitation of the study*
   6. *Type of Data to be used and what type of analysis to achieve your goals   (15 marks)*

QUESTION TWO (20 MARKS)

A. *List and explain four types of Research Designs (8 Marks)*
B. *Sampling is a core concept when it comes to Research. Define Sampling and explain six reasons for sampling (12 Marks)*

QUESTION THREE (20 MARKS)

A. **Explain ten essential factors of a good questionnaire (10 Marks)**

B. **Explain five areas where the Chi-Square (X^2) Test is considered for Data analysis (10 Marks)** QUESTION FOUR (20 MARKS)

A. What is system Bias, List and explain 6 factors that cause system bias **(12 Marks)**

B. Name and elaborate four types of non-probability sampling **(8 Marks)**

QUESTION FIVE (20 MARKS)

A. Hypothesis is an important tool in research. Define what is hypothesis, Give two examples of hypothesis and explain them and list three characteristics of a good hypothesis**(12 Marks)**

B. List and explain four qualities of a good research **(4 Marks)**

C. List and explain four factors to consider when coming up with a research problem **(8 Marks)**