(3 Hours)   **Total Marks: 80**

Note: 1. Question No. 1 is compulsory.
      2. Attempt any **THREE** out of the remaining **FIVE** questions.
      3. Assume suitable data if necessary.

Q. 1. Write short notes on **any FOUR** questions.   **(20)**

(a) Write a short note on "Characteristics of good research report".

(b) Write short note on "Features of a good Research Design ".

(c) Distinguish between null hypothesis and alternative hypothesis and Type I error and Type II error in hypothesis testing.

(d) Explain the need of Literature Review in Research.

(e) Which are the characteristics required in hypothesis?

Q. 2. (a) Explain the 'Issues and Problems faced by the researcher in his research journey'.   **(10)**

(b) Distinguish between Research methods and Research methodology.   **(10)**

Q. 3. (a) Describe different types of research, clearly explaining the difference between conceptual and empirical research.   **(10)**

(b) Enumerate the different methods of collecting data. Examine the merits and limitations of the observation method in collecting the data. Illustrate your answer with suitable example.   **(10)**

Q. 4. (a) What do you mean by 'Sample Design'? What are the characteristics of a good sample design? What points should be taken into consideration in designing a sample design?   **(10)**

(b) Write a brief note on different types of analysis of data pointing out the significance of each.   **(10)**

Q. 5. (a) Distinguish between Research methods and Research methodology.   **(10)**

(b) "Processing of data implies editing, coding, classification and tabulation". Describe in brief these four operations pointing out the significance of each in context of research study.   **(10)**

Q. 6. (a) Explain 'Questionnaires as a technique of data collection'.   **(10)**

(b) What do you mean by research? Explain its significance and objectives of research.   **(10)**

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