41 : 1st half.13-shilpa(b)

Con. 909-13.   **(REVISED COURSE)**   **BB-9808**

(3 Hours)   [Total Marks : 100

N.B. :   (1) **Attempt** any **five** questions.

       (2) **All** questions carry **equal** marks (**20** marks **each**).

1. Explain different types of Research with examples in Library and Information **20** Science.

2. What is Research Design ? Explain each component of a research design **20** with examples.

3. What do you understand by 'Sampling' ? Explain the various types of sampling **20** with examples.

4. Discuss the different steps involved in Data Analysis.   **20**

5. (a) Explain the different ways of measuring the central tendency.   **20**
   (b) A library has a grant of ₹ 60,00,000/-. The amount was allocated as follows.
   Science - ₹ 45,00,000/- ; Social Science - ₹ 10,00,000/- ; Humanities -
   ₹ 5,00,000/-.Present the data in bar graph and Pie Chart.

6. Distinguish between the following (any **two**) :–   **20**
   (a) Participating and Non-participating observations
   (b) Survey method and Case Study method
   (c) Descriptive and Inferential Statistics
   (d) Citation Analysis and Content Analysis.

7. Write short notes on any **four** of the following :–   **20**
   (a) Bradford's Law
   (b) Co-citation Analysis
   (c) 4-Cell Experiments
   (d) Hypothesis
   (e) Standard Deviation
   (f) Qualitative Research.

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