RM–V

(3 Hours)   [Total Marks : 100

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

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

1. What is research ? Explain the different types of research with examples from LIS.   20

2. Identify the main decisions a researcher needs to make at the research design stage.   20

3. Write an essay on survey method with examples from LIS.   20

4. What are the different data collection methods suitable for research in LIS? Explain.   20

5. What is standard deviation? What are the steps involved in computing standard deviation. Compute S.D. of the following five numbers. 5, 7, 9, 1 and 3 .   20

6. Distinguish between **any two** of the following :   20
    (i)   Probabilistic and non-probabilistic samples
    (ii)   Participative and non-participative observations
    (iii)   Null and Alternative Hypothesis
    (iv)   Experimental and non-experimental research

7. Write short notes on **any four** of the following :   20
    (a)   Historical Research
    (b)   4-cell Experiment
    (c)   Literature Review
    (d)   Structure of Research Report
    (e)   Normal Distribution
    (f)   Zipfs' Law

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