00285

Ph.D. COURSEWORK IN LIBRARY AND INFORMATION SCIENCE (PHDLIS)

Term-End Examination

December, 2018

RLI-011 : RESEARCH METHODOLOGY

Time : 3 hours *Maximum Marks : 100*

Note : *Attempt all questions. All questions carry equal marks. Illustrate your answers with suitable examples and diagrams, wherever necessary. Write relevant question number before writing the answer.*

1.1 'Research is a systematic quest for truth'. Elucidate.

OR

1.2 Discuss the merits and demerits of different observation techniques.

2.1 Examine case study as a method of research. Illustrate your answer with suitable examples from LIS.

OR

2.2 Explain the various steps involved in carrying out research giving an example.

3.1 What is Bradford's Law of Scattering of Literature ? Discuss its significance.

OR

3.2 What is a research problem ? How is it identified ? Discuss the factors and conditions that influence the selection of a problem.

4.1 What is random sampling ? How does it help in overcoming bias in an estimate ? Discuss any two random sampling methods.

OR

4.2 Explain normal distribution with an example showing its characteristics.

5.0 Write short notes on **any three** (in about 300 words) each :

    (a)   Skewness and Kurtosis

    (b)   Measures of dispersion

    (c)   Sampling and non-sampling error

    (d)   Webometrics

    (e)   Survey monkey

———