

**Pre. Ph.D. Course Work (2017 Course) : SUMMER - 2018**  
**(Commerce)**

**SUBJECT: PAPER – I RESEARCH METHODOLOGY & ICT FOR RESEARCH**  
**(COMMERCE)**

Day: **Monday**  
Date: **25/06/2018**

**S-2018-4736**

Time: **10.00 AM TO 01.00 PM**  
Max. Marks: 100

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Each question carries **20** marks.

**Q.1** How to identify and formulate Research Problem? **(20)**

**OR**

**Q.1** Explain the important steps in Research Report Writing. **(20)**

**Q.2** What are parametric and nonparametric tests? Illustrate with suitable examples. **(20)**

**OR**

**Q.2** Statistical measures are used for analysis of research data and Hypothesis testing. Comment on any two important measures. **(20)**

**Q.3** Write short notes on any TWO: **(20)**

1. Characteristics of usable Hypothesis.
2. Unstructured Interviews.
3. Case Study method.
4. Use of Questionnaires in obtaining data and information.

**OR**

**Q.3** Explain the difficulties in observation and interpretation of Data. **(20)**

**Q.4** What is meant by Chi-square Test? What are its' uses? **(20)**

**OR**

**Q.4** Write a note on SPSS. **(20)**

**Q.5** What is the importance of computer in Research? Explain with examples. **(20)**

**OR**

**Q.5** How Computer Software are used in Social Science Research? Comment. **(20)**

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