Roll No. ▭▭▭▭▭▭▭▭▭▭▭▭▭   Total No. of Pages : 01

Total No. of Questions : 08

Ph.D Course work
RESEARCH METHODOLOGY (MANAGEMENT)
Subject Code : PHD-901
M.Code : 78002

Time : 3 Hrs.   Max. Marks : 100

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of EIGHT questions.
2. Each question carries TWENTY marks.

1.   a) What is the need of Review of literature? How will you differentiate between primary
          and secondary sources?   (15)

       b) Write a note on Mendeley software capabilities.   (5)

2.   What are different types of research designs? Elaborate different research designs
       including quasi experimental and time series design.   (20)

3.   What are the limitations of non probability sample and why it is still required in certain
       research problems? Elaborate different types of sampling distributions you may use to
       overcome its shortcomings.   (20)

4.   What are most common statistical methods for causal analysis? Explain its different
       types.   (20)

5.   Explain various non parametric tests and their applicability. (20)

6.   Why is proper hypothesis formation essential for a good research? Elaborate Null and
       alternate hypothesis along with situations where one tail and two tailed hypothesis testing
       would be required. When is it suitable to use chi-square rather than t-test?   (20)

7.   Highlight the requirements for panel data analysis.   (20)

8.   Draw a chart of various data types and statistical test feasible on based on nature of data.
                                                                      (20)

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any
       page of Answer Sheet will lead to UMC against the Student.