

TILAK MAHARASHTRA VIDYAPEETH, PUNE
MASTER OF COMPUTER APPLICATIONS
EXAMINATION : DECEMBER - 2023
SEMESTER - III

Sub : Research Methodology (MCA- 305-22)

Date :15/12/2023

Total Marks : 30

Time: 10.00 am To 11.30 am

Instruction:

- 1. All questions are compulsory unless and otherwise stated.*
 - 2. Bold figures to the right of every question are the maximum marks for that question.*
 - 3. Candidates are advised to attempt questions in order.*
 - 4. Answers written illegibly are likely to be marked zero.*
 - 5. Use of scientific calculators, Log tables, Mollier Charts is allowed.*
 - 6. Draw neat and labelled diagram wherever necessary.*
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Q. 1. Answer the following in short. (Any 4) (20)

1. How do you determine a sample size?
2. Describe the importance of research.
3. Write a note on Research design.
4. Explain the Sources of primary and Secondary data collection.
5. Write a note on research report.
6. What are the characteristics of good sample?

Q. 2. Answer the following in detail. (Any 1) (10)

1. Describe four levels of measurements popularly used in research with their properties.
 2. Explain Data processing operations in detail.
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