

TILAK MAHARASHTRA VIDYAPEETH, PUNE
MASTER OF SCIENCE (M.SC) IN COMPUTER APPLICATIONS
EXAMINATION: MAY - 2024
SEMESTER - IV
Sub: Research Methodology (MSC -403 -22)

Date : 22/05/2024

Total Marks : 60

Time: 2.00 pm to 4.30 pm

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.

Q. 1. Answer the following in 2-3 lines. (Any 5) (10)

1. What is Descriptive research?
2. Define 'Sampling'
3. What do you mean by Research Methodology?
4. Define Bibliography.
5. What is Sample survey?
6. Define Appendix.
7. Define Secondary data?

Q. 2. Answer the following in short. (Any 4) (20)

1. What is a research process? Describe different steps
2. Explain methods of data collection.
3. What do you mean by research? Explain significance of research
4. Difference between Research and Research Methodology
5. Discuss the basics of effective report writing
6. Distinguish exploratory and descriptive research

Q. 3. Answer the following in detail. (Any 3) (30)

1. What is Hypothesis? What are its characteristics and sources
2. What is 'Research Design'? Explain importance of research design.
3. What is a questionnaire? Explain different types of questionnaire?
4. Write down points of difference between Research and Research Methodology.
5. What is Primary Data? Discuss various methods available for collecting primary data.
