

TILAK MAHARASHTRA VIDYAPEETH, PUNE

MASTER OF COMPUTER APPLICATIONS

EXAMINATION: DECEMBER - 2024

SEMESTER - I

Sub : Research Methodology (MCA24-106)

Date : 31/12/2024

Total Marks : 60

Time: 10.00 am To 12.30 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. Define research.
2. Define hypothesis.
3. What is the importance of literature review?
4. Define pilot study.
5. What is empirical research?
6. What do you mean by scaling?
7. What is research problem?

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

1. List the sources of secondary data.
2. State the criteria of good research
3. Write short note on case study as a research method
4. What is descriptive and inferential statistics?
5. Write short note qualitative research.
6. State the pros and cons of using questionnaire for research.

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

1. Write in details about research Design.
2. Explain the different methods of data collection.
3. What is data processing? Explain the process of data processing in details.
4. What is Report Writing? Explain the Process of Writing the research report.
5. What are the different types of interview method?
