

TILAK MAHARASHTRA VIDYAPEETH, PUNE
MASTER OF SCIENCE (M.SC) IN COMPUTER APPLICATIONS
EXAMINATION : JUNE -2022
SEMESTER - III
Sub.: Research Methodology (MSC -306 -19)

Date : 16/06/2022

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

1. Define Research.
2. What do you mean by Exploratory Research.
3. What is Primary Data?
4. What do you mean by bibliography?
5. What is sample size?
6. Mention any three sources of secondary data.
7. What is Pilot Study?

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

1. Explain Observation method as a tool to collect primary data
2. Elaborate the term Research Design.
3. Differentiate between Qualitative Research and Quantitative Research
4. Mention the main parts of report writing.
5. Explain Stratified Random Sampling Method.
6. Discuss any two types of interview methods.

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

1. Explain various types of research with suitable examples.
 2. Explain Research process with a flowchart.
 3. Explain in detail the sources to collect secondary data.
 4. Discuss any three methods of non probability sampling technique.
 5. Discuss do's and don'ts to be taken into consideration while preparing a Questionnaire.
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