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MASTER OF SCIENCE (COMPUTER APPLICATIONS-MSC-CA)
EXAMINATION : DECEMBER - 2024
SEMESTER - I
Sub : Research Methodology (MSC24 -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. What is null hypothesis?
2. What is population in research?
3. Define qualitative research?
4. What is case study method of research?
5. State the relationship between the data and collection.
6. Define the term sampling.
7. What is the use Likert scale?

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

1. Explain the importance of research
2. Differentiate between primary data and secondary data?
3. Write short note on "Research design".
4. Write note on Questionnaire method for data collection.
5. What is he criteria for good research?
6. What is direct and indirect observation for primary data collection?

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

1. State the important steps of Data Processing.
 2. What do you mean by research problem? How you can identify research problem.
 3. What is Hypothesis? What do you mean by null and alternative hypothesis?
 4. What is a 'Good Research'? Mention qualities of Good researcher.
 5. Write in details about case study method of data collection.
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