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III Semester M.C.A. Degree Examination June/July - 2024

COMPUTER SCIENCE

Research Methodology

(CBCS Y2K20 Scheme)

Paper : 3MCA3

Time : 3 Hours

Maximum Marks : 70

*Instructions to Candidates :*

1. Answer All sections.
2. Answer any FIVE questions from section - A, each question carries SIX marks.
3. Answer any FOUR questions from section - B, each question carries TEN marks.

## SECTION - A

I. Answer any Five of the following questions. Each question carries 6 marks.

(5×6=30)

1. Define Research? Discuss the objective of research.
2. What is the use of computer in research?
3. Explain a statistical test for measuring association between two variables.
4. Define qualitative research. What are the popular techniques of qualitative research.
5. Calculate the correlation coefficient of given data.

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6. Explain optimization of fuzzy system.
7. Explain the role of SPSS in data analysis.
8. Discuss any three phases of genetic algorithm.

[P.T.O.]

