

MANAGEMENT PROGRAMME

Term-End Examination

December, 2021

**MS-095 : RESEARCH METHODOLOGY FOR
MANAGEMENT DECISIONS**

Time : 3 hours

Maximum Marks : 100

(Weightage : 70%)

Note :

- (i) *This question paper contains **two** sections — A and B.*
 - (ii) *Attempt any **four** questions from Section A. Each question carries 20 marks.*
 - (iii) *Section B is **compulsory** and carries 20 marks.*
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SECTION A

1. Define unit of analysis. Explain how it is different from characteristics of interest.
2. Explain the terms “Sampling and Census”. Give the advantages of using Sampling over Census.
3. “Several types of graphs or charts are used to present statistical data.” In the light of this statement, explain graphical representation of data.

4. What do you mean by probability and non-probability sampling methods ? Explain any three non-probability sampling methods.

5. Describe what should be included in the introductory pages of a report. Also explain the subject matter of the text to be included while writing a report.

6. Write short notes on any **three** of the following :
 - (a) Exploratory Research
 - (b) Discriminant Analysis
 - (c) Chi-square Test
 - (d) Multi-stage Sampling
 - (e) Research Proposal

SECTION B

7. The production manager in a large undertaking randomly paid 10 visits to the work site in a month. The number of workers who reported late for duty were found to be 2, 4, 5, 1, 6, 3, 2, 1, 7 and 8 respectively. Using the sign test, verify the claim of the production superintendent at 0.05 level of significance that on an average not more than 3 workers report late for duty.
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