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MS-95

MANAGEMENT PROGRAMME

(MP)

Term-End Examination

June, 2024

**MS-95 : RESEARCH METHODOLOGY FOR
MANAGEMENT DECISIONS**

Time : 3 Hours

Maximum Marks : 100

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.*

Section-A

1. "In the completely randomized design, treatments are assigned at random." Explain, in view of statement, the concept of randomized complete block design.

P. T. O.

2. What do you understand by Secondary Data ?
What are the various sources through which we can collect the secondary data ? Also, explain how the scrutiny of secondary data can be done.
3. What do you understand by the term decision-making ? What is the role of models in managerial decision-making ? Explain.
4. Describe the various elements of communication dimensions.
5. Explain “The Guttman Scale” as a tool for the measurement of attitudes.
6. Write short notes on any *three* of the following :
 - (a) Judgement Sampling
 - (b) Chi-square test
 - (c) Cover and Title Page of Report
 - (d) Factor Analysis
 - (e) Descriptive Research

Section-B

7. The data given below is on a large industrial plant's daily emission of sulphur oxides (in tons) :

17	15	20	29	19	18	22	25	27	9
24	20	17	6	24	14	15	23	24	26
19	23	28	19	16	22	24	17	20	13
19	10	23	18	31	13	20	17	24	14

Use one-sample sign test to test the null hypothesis that plant's true average daily emission of sulphur oxide is $\mu = 23.5$ tons against the alternative hypothesis $\mu < 23.5$ tons at the 0.05 level of significance.

(Absolute value of tabulated Z at 0.05 level of significance = 1.645).