

**MANAGEMENT PROGRAMME (MP)**

**Term-End Examination**

**December, 2023**

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

*Time : 3 Hours*

*Maximum Marks : 100*

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**Note :** (i) *This question paper consists of two Sections A and B.*

(ii) *Attempt any **four** questions from Section A. Each question carries 20 marks. Section B is compulsory and carries 20 marks.*

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**Section—A**

1. Explain the meaning of 'research'. Describe the process of research in brief.
2. What do you understand by 'attitude measurement' ? Explain the various issues involved in measuring attitude.

3. “Regression analysis is probably the most widely applied technique amongst the analytical models of association used in business research.” Explain, in view of statement, the objectives of using regression analysis and the assumptions of this model.
4. “The report should be thoroughly reviewed and edited before the final report is submitted.” Comment on the statement.
5. Describe, in brief, the importance of editing, coding and classification of data in context of research study.
6. Write short notes on any *three* of the following :
  - (a) Exploratory Research
  - (b) Cluster Sampling
  - (c) Table as Data Presentation Devices
  - (d) Introductory Page of Report
  - (e) Analysis of Covariance

### **Section—B**

7. In an agricultural field experiment, three different fertilizers were used on sample plots and yields were recorded. On the basis of these data, test the hypothesis that there is no

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significant difference in yields from three different fertilizers. (using Kruskal-Wallis test) :

Yield (in MT)								
Fertilizer A	2.48	3.25	3.94	3.45	3.0	4.0	3.6	3.87
Fertilizer B	2.84	3.1	3.5	2.27	3.88	2.87	3.27	2.8
Fertilizer C	3.4	3.17	2.85	2.46	3.15	2.69	2.88	3.44

(The critical value from  $\chi^2$ -distribution with 2 degree of freedom at 5% significance level is 5.99).