

**MANAGEMENT PROGRAMME  
(MP)**

**Term-End Examination**

**June, 2023**

**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. State clearly the assumptions embodied in the following experimental designs—Completely randomized design and Latin square design.
2. What do you understand by “non-probability sampling” ? Explain various types of non-probability sampling.

3. "Regression analysis is probably the most widely applied technique amongst the analytical models of association used in business research." Comment on the statement.
4. What do you understand by "Communication dimensions" ? Explain the major elements of communication dimension.
5. Write short notes on any *two* of the following :
  - (a) Time and space coordinates
  - (b) Simple Random Sampling
  - (c) Factor Analysis
  - (d) Cover and title page of the report

**Section-B**

6. A typing school claims that in a six-week intensive course, it can train students to type, on an average, at least 60 words per minute. A random sample of 15 graduates is given a typing test and the median number of words per unit typed by each of these students is given below. Test the hypothesis that the median typing speed is at least 60 words per minute :  
  
78, 76, 53, 71, 66, 59, 88, 73, 80, 66, 58, 70, 60, 56, 55.  
  
(The tabulated value of test statistics is 1.65).