MTTM   (Sem.–3)

RESEARCH METHODOLOGY

Subject Code : MTTM301-18

M.Code : 76860

Date of Examination : 12-12-22

Time : 3 Hrs.   Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :
1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.**

SECTION-A

1.   **Write briefly :**

   a) Research Methodology

   b) Questionnaire

   c) Secondary Data

   d) Research Design

   e) Central Tendency

   f) Abstract

   g) Schedules

   h) Cluster Sampling

   i) Hypothesis Testing

   j) Coding Method

SECTION-B

2. Discuss the steps of Sampling Design.

3. Explain One-Way ANOVA with relevant example.

4. Mention important methods of Factor Analysis.

5. What are the features of a good research design?

6. What are the conditions for applying Chi-Square Test? Explain the uses of Chi-Square Test.

SECTION-C

7. What is data processing? Explain different steps involved in data processing.

8. Write in details the various steps in Research Report Writing.

9. From the adult male population of four large cities, random samples of sizes given below were taken and the number of married and single men recorded. Do the data indicate any significant variations among the cities in the tendency of men to marry?

City	A	B	C	D	Total
Married	137	164	152	147	600
Single	32	57	56	35	180
Total	169	221	208	182	780

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.