**Code No.MB104C**

**METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY**

**(An Autonomous Institution)**

**M.B.A I-Semester (Regular) Examination, september-2023**

**Subject: Statistics for Management**

**Time: 3 hours Max.Marks:60**

**Note: Missing data, if any, maybe suitably assumed.**

**PART-A**

**Answer All the questions. (05X2M=10M)**

1 a. List the limitations of Statistics 2

b. Write properties of Binomial Distribution 2

c. What are essential of sampling 2

d. Discuss the properties of t-distribution 2

e. Explain the uses of Regression Analysis 2

**PART-B**

**Answer Any Five questions**. **(5X10M=50M)**

2. Define Statistics. Explain if statistics is science or art? 10

3. What is Binomial Distribution? List properties of Binomial Distribution 10

4. Explain Sampling. What are Probability sampling methods 10

5. Explain Chi-sqaure . Elaborate uses of chi-square test 10

6. Discuss about t-distribution as a measure of small sample tests, giving its 10

properties

7. Distinguish between correlation and Regression 10

8. i) Explain measures of Central Tendency 10

ii) Write about importance of Normal Distribution

9 i) List out the properties of Good estimator 10

ii) Write about test of significance for large samples

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