STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI - 600086
(For candidates admitted from the academic year 2023-2024)
M.A. DEGREE EXAMINATION, APRIL 2024

BRANCH III - ECONOMICS
SECOND SEMESTER

| COURSE | : MAJOR CORE |
| :--- | :--- |
| PAPER | $:$ RESEARCH METHODS AND ANALYSIS II (THEORY) |
| SUBJECT CODE | $:$ 23EC/PC/RM24 |
| TIME | $: 2$ HOURS |


| Q. No. | SECTION A <br> ANSWER ANY TWO QUESTIONS IN 300 WORDS. $(10 \times 2=20)$ | CO | KL |
| :---: | :---: | :---: | :---: |
| 1 | Enumerate on the key properties of a Normal Distribution. | 1 | 1 |
| 2 | Discuss the method of least squares and its application in statistical analysis. | 1 | 1 |
| 3 | Elucidate the various types of Non-Linear Regression models. | 1 | 1 |
|  | SECTION - B <br> ANSWER ANY TWO OUT OF THREE QUESTIONS IN 300 WORDS. $(10 \times 2=20)$ |  |  |
| 4 | What are the various applications of dummy variables within regression analysis? | 2 | 2 |
| 5 | State the properties of correlation coefficient and explain the different methods of measuring the same. | 2 | 2 |
| 6 | Discuss the inductive and deductive methods of reasoning. | 2 | 2 |
|  | SECTION - C <br> ANSWER ANY ONE OUT OF TWO QUESTIONS IN 600 WORDS. $(20 \times 1=20)$ |  |  |
| 7 | Explain the various methodologies used in qualitative research. | 3 | 3 |
| 8 | Examine the process of hypothesis testing. | 3 | 3 |

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BRANCH III - ECONOMICS

| COURSE | $:$ CORE |
| :--- | :--- |
| PAPER | $:$ RESEARCH METHODS AND ANALYSIS II (PRACTICAL) |
| SUBJECT CODE | $: 23 E C / P C / R M 24$ |
| TIME | $: 1$ HOUR |

MAX. MARKS: 40






