**First Semester MCA Degree Examination, June – 2024**

**Regular / Make-up / Arrears / Supplementary**

**MATHEMATICAL FOUNDATION FOR COMPUTER APPLICATIONS**

**Time: 3 hrs. Max. Marks: 100**

**Course Code: 22MCA101**

***Note: Answer FIVE full questions, choosing ONE full question from each module.***

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| **Q. No** | **Module - 1** | **Marks** | **CO, RBT** |
| 1a. | M11 | **05** | **CO1, K2** |
| b. | M12 | **05** | **CO1, K2** |
| c. | M13 | **10** | **CO1, K2** |
| **OR** | | | |
| 2a. | M14 | **10** | **CO1, K2** |
| b. | M15 | **10** | **CO1, K2** |
| **Module – 2** | | | |
| 3a. | M21 | **10** | **CO2, K2** |
| b. | M22 | **10** | **CO2, K2** |
| **OR** | | | |
| 4a. | M23 | **10** | **CO2, K2** |
| b. | M24 | **10** | **CO2, K2** |
| **Module – 3** | | | |
| 5a. | M31 | **10** | **CO3, K2** |
| b. | M32 | **10** | **CO3, K2** |
| **OR** | | | |
| 6a. | M33 | **10** | **CO3, K2** |
| b. | M34 | **10** | **CO3, K2** |
| **Module – 4** | | | |
| 7a. | M41 | **08** | **CO4, K2** |
| b. | M42 | **12** | **CO4, K2** |
| **OR** | | | |
| 8a. | M43 | **12** | **CO4, K2** |
| b. | M44 | **8** | **CO4, K2** |
| **Module – 5** | | | |
| 9a. | M51 | **10** | **CO5, K2** |
| b. | M52 | **10** | **CO5, K2** |
| **OR** | | | |
| 10a. | M53 | **10** | **CO5, K2** |
| b. | M54 | **10** | **CO5, K2** |

**Course Outcomes (COs):** At the end of the course, the student will be able to

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| **COs** | **Statements** |
| CO-1 | C011 |
| CO-2 | C022 |
| CO-3 | C033 |
| CO-4 | C044 |
| CO-5 | C055 |

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***“ Success is not final; failure is not fatal… it is the courage to continue that counts ”.***