

**MATHS SUBJECTS AT UG DEGREE LEVEL RECOMMENDED BY EXPERTS COMMITTEE FOR ADMISSION TO MCA
DEGREE PROGRAMME**

SL. NO.	MATHEMATICS SUBJECTS
1	1. Mathematics I 2. Mathematics II 3. Numerical and Statistical Methods
2	1. Algebra and Calculus
3	1. Algebra and Calculus 2. Numerical Analysis and Statistics
4	1. Algebra and Calculus 2. Numerical Analysis and Statistics
5	1. Algebra and Calculus 2. Numerical Analysis and Statistics 3. Operations Research
6	1. Algebra and Differential Calculus
7	1. Algebra and Differential Calculus 2. Integral Calculus Fourier series and Vector Calculus 3. Differential equations and Laplace Transforms
8	1. Algebra and Differential Calculus 2. Integral Calculus Fourier series and Vector Calculus 3. Differential equations and Laplace Transforms 4. Mathematical Statistics I
9	1. Algebra and Differential Calculus 2. Integral Calculus Fourier series and Vector Calculus 3. Differential equations and Laplace Transforms 4. Mathematical Statistics I 5. Mathematical
10	1. Algebra and Differential Calculus 2. Integral Calculus, Fourier Series and Vector Calculus 3. Differential Equations and Laplace Transforms
11	1. Algebra and Differential Calculus 2. Numerical Methods
12	1. Algebra and Differential Calculus 2. Numerical Methods
13	1. Allied Mathematics I 2. Allied Mathematics II 3. Allied Mathematics III
14	1. Applied Mathematics I
15	1. Applied Mathematics I 2. Applied Mathematics 3. Mathematical Structures 4. Probability and Statistics
16	1. Applied Mathematics I 2. Applied Mathematics II 3. Mathematical Structures 4. Probability and Statistics
17	1. Applied Mathematics I 2. Applied Mathematics II 3. Mathematical Structures and Numerical Methods
18	1. Applied Mathematics I 2. Applied Mathematics II 3. Applied Mathematics III 4. Optimization Techniques and Numerical Methods
19	1. Applied Mathematics I 2. Applied Mathematics II 3. Mathematical Structures
20	1. Applied Mathematics I 2. Applied Mathematics II 3. Mathematical Structures 4. Probability and Statistics
21	1. Applied Mathematics I 2. Mathematical Structures
22	1. Applied Mathematics I 2. Mathematical Structures 3. Probability and Statistics

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SL. NO.	MATHEMATICS SUBJECTS
23	1. Basic Numerical Skills 2. Quantitative Techniques for Business
24	1. Business Statistical Methods 2. Business Statistical decision Techniques
25	1. Business Statistics
26	1. Business Statistics 2. Business Mathematics
27	1. Calculus and Fourier Series 2. Algebra, Analytical Geometry (3D) and Trigonometry 3. ODE. PDE. Laplace Transformation and Vector Calculus
28	1. Computer Oriented Numerical and Statistical Methods 2. Computer based Optimization Techniques
29	1. Computer Oriented Numerical & Statistical Methods
30	1. Computer Oriented Numerical and Statistical Methods 2. Computer based Optimization Techniques
31	1. Computer Oriented Numerical and Statistical Methods 2. Computer oriented Optimization Techniques
32	1. Computer Oriented Numerical and Statistical Methods 2. Operations Research
33	1. Computer Oriented Numerical Methods
34	1. Computer Oriented Numerical Methods 2. Computer Oriented Optimization Techniques
35	1. Computer Oriented Numerical Methods 2. Discrete Mathematics
36	1. Computer Oriented Numerical Methods and Statistical Methods
37	1. Discrete Mathematics
38	1. Discrete Mathematics 2. Computer Oriented Numerical Methods
39	1. Discrete Mathematics 2. Numerical Aptitude
40	1. Discrete Mathematics 2. Numerical Methods
41	1. Discrete Mathematics 2. Resource Management Techniques
42	1. Discrete Mathematics 2. Statistics 3. Operations Research 4. Numerical Methods
43	1. Discrete Mathematics and Numerical Methods 2. Operations Research
44	1. Foundation Mathematics 2. Computer Based Numerical and Statistical Methods

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SL. NO.	MATHEMATICS SUBJECTS
45	1. Mathematical foundation for Computer Science 2. Computer Oriented Numerical and Statistical Methods
46	1. Mathematical foundation for Computer Science 2. Computer Oriented Numerical Methods
47	1. Mathematical Foundation in Computer Science I 2. Mathematical Foundation in Computer Science II 3. Statistical and Numerical Methods 4. Resource Management Techniques
48	1. Mathematical Foundations 2. Statistical and Numerical Methods 3. Resource Management Techniques
49	1. Mathematical Foundations for Computer Science 2. Resource Management Techniques
50	1. Mathematical Foundations I 2. Mathematical Foundations II
51	1. Mathematical Foundations I 2. Mathematical Foundations II
52	1. Mathematical Foundations I 2. Mathematical Foundations II 3. Basic Mathematics
53	1. Mathematical Foundations I 2. Mathematical Foundations II 3. Foundation Mathematics for Competitive Examinations
54	1. Mathematical Foundations I 2. Mathematical Foundations II 3. Numerical Methods
55	1. Mathematical Foundations I 2. Mathematical Foundations II 3. Resource Management Techniques
56	1. Mathematical Foundations I 2. Numerical Methods
57	1. Mathematical Foundations I 2. Numerical Methods 3. Resource Management Techniques
58	1. Mathematical Foundations I 2. Resource Management Techniques 3. Numerical Methods
59	1. Mathematical Foundations I and II 2. Numerical Methods 3. Resource Management Techniques
60	1. Mathematical Statistics 2. Numerical Methods
61	1. Mathematical Structures for Computer Science 2. Discrete Mathematics
62	1. Mathematical Structures for Computer Science 2. Discrete Mathematics
63	1. Mathematical Structures for Computer Science 2. Discrete Mathematics 3. Operations Research
64	1. Mathematics
65	1. Mathematics 2. Probability and Statistics 3. Discrete Mathematics 4. Operations Research
66	1. Mathematics for Business 2. Statistics for Business

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SL. NO.	MATHEMATICS SUBJECTS
67	1. Mathematics for Computer Applications
68	1. Mathematics for Electronics 2. Mathematics Statistics for Electronics
69	1. Mathematics Foundation for Computer Science
70	1. Mathematics I
71	1. Mathematics I (Computer Oriented Numerical and Statistical Methods) 2. Mathematics II (Discrete Mathematics)
72	1. Mathematics I 2. Mathematical Statistics I and II
73	1. Mathematics I 2. Mathematics II
74	1. Mathematics I 2. Mathematics II
75	1. Mathematics I 2. Mathematics II 3. Numerical and Statistical Methods
76	1. Mathematics I 2. Mathematics II 3. Numerical and Statistical Methods
77	1. Mathematics I 2. Mathematics II 3. Numerical and Statistical Methods
78	1. Numerical and Statistical Methods 2. Operations Research
79	1. Numerical Methods and Statistics
80	1. Numerical Methods and Statistics 2. Operations Research
81	1. Resource Management Techniques 2. Computer Oriented Numerical Methods
82	1. Statistics I 2. Statistics II
83	Business Maths