Syllabus for
MCA & MSc IT Entrance Examination 2021

The written entrance examination test for admission to **MCA & MSc IT programmes** shall comprise of **70 Multiple Choice Questions** with uniform weightage of marks. The total time duration for the test will be **70 Minutes** and the questions will be asked from **Mathematics, Reasoning & Logical Aptitude, Computer Science and English Comprehension** as per the following distribution:

Section A	**Mathematics** *(10+2 Standard)*	20 Questions
Section B	**Reasoning and Logical Aptitude**	20 Questions
Section C	**Computer Science** *(BCA Standard)*	20 Questions
Section D	**English Comprehension**	10 Questions

Section A: Mathematics: 10+2 Standard (20 Questions)
Questions in this section will be on topics like:
- Algebra, Set Theory, Relations, Functions
- Matrix Algebra.
- Co-ordinate Geometry
- Calculus
- Vectors
- Trigonometry
- Probability

Section B: Reasoning and Logical Aptitude (20 Questions)
Questions in this section will test the following:
- Logical Reasoning
- Quantitative Reasoning
- Visio-spatial Reasoning

Section C: Computer Science: BCA Standard (20 Questions)
Questions in this section will be on topics like:
- Computer Fundamentals
- Programming Concepts in C/C++
- Computer Organization and Architecture
- Data Structures
- Software Engineering
- Operating Systems
- Data Communication & Compute Networks
- Database Management System
- Programming Languages
- Flow chart and Algorithms
- Digital Electronics

Section D: English Comprehension: (10 Questions)
Questions in this section will be on topics like:

- Use of articles and prepositions
- Idioms and phrases
- Synonyms / Antonyms
- Reading comprehension
- Sentence sequence
- Completion of a sentence
- Choice of appropriate word to fill in the blanks
- Abridging sentences / paragraphs

Note: Refer Model Paper for further better understanding/ Clarity