Faculty of Science

M.Sc. (Data Science)

DEPARTMENT OF STATISITICS & OPERATIONS RESEARCH
ALIGARH MUSLIM UNIVERSITY ALIGARH

Syllabus for Entrance Test

SECTION I

Mathematics (25 Questions)

Matrix Algebra, Differential and Integral Calculus, Numerical Analysis

SECTION II

Statistics (25 Questions)

Descriptive Statistics, Probability and Distribution Theory, Basics of Statistical Inference, Basics of Design of Experiments and Sampling Surveys, Linear Programming.

SECTION III

Computer Science (25 Questions)

Basic Elements of Computer Science, C / C++ Programming and introduction to R Language

SECTION IV

General Awareness and Reasoning of U.G. Level (25 Questions)

Logical Reasoning, Analytical Reasoning, Mathematical Reasoning, Verbal and Non-Verbal Reasoning.