

ALIGARH MUSLIM UNIVERSITY

MASTER OF COMPUTER APPLICATIONS (MCA)

Eligibility for Admission :

B.Tech./B.Arch./B.E. with 55% marks in aggregate

OR

(i) B.Sc. Degree from a recognised University with 55% marks in aggregate and must have studied Mathematics along with any one from Statistics, Physics, Computer Science, Computer Application, Computer Maintenance, Information Technology as main or subsidiary subject at the qualifying examination.

(ii) Must have studied Physics and Mathematics at the Senior Secondary School Certificate Examination or its equivalent examination.

Total Intake : 60

Note :

The course Post B. Sc. Diploma in Computer Science & Applications (PDCA - Intake 30) has been merged with MCA, hence 60 candidates will be admitted to MCA course and no admission will be done in PDCA course from the academic session 2006 - 2007. However, if a candidate is willing to leave the MCA course after completing 1 year may be awarded Diploma in Computer Science & Applications (PDCA) course in terms of Clause 9, Chapter LXXVIII of the Ordinances (Academic).

Date of Examination :

1st week of May.

Selection Procedure :

Candidates for MCA are to be selected for admission on the basis of competitive Admission Test as follows :

One written paper of 2 hours duration consisting of 100 questions based on the following subjects :

1. Mathematics and Statistics 50 Questions
2. Physics 20 Questions
3. Computer Science 20 Questions
4. Logical Ability, deductive
and reasoning 10 Questions

SYLLABUS :

1. Physics.

1. Mechanics
2. Electricity and Magnetism
3. Electronics
4. Optics and Electromagnetic Theory

2. Mathematics.

1. Vector Analysis and Geometry
2. Calculus
3. Numerical Analysis
4. Differential Equations
5. Algebra
6. Advanced Calculus

3. Statistics.

1. Probability Theory
2. Descriptive Statistics
3. Sample Surveys and Design of Experiment
4. Statistical Inference

4. Computer Science.

1. Fundamentals of Computers and Problem Solving
2. Business Data Processing
3. Data Structure and Structured Programming
4. Systems Programming and Operating System

For detailed syllabus of above mentioned papers the candidates are advised to consult B.Sc. 1st Year and IInd Year syllabus of A.M.U.

MCA Entrance
by
RAM GOPAL SINGH

NIMS
KANPUR

M.C.A. Entrance by RAM GOPAL SINGH

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