DEPARTMENT OF ELECTRICAL ENGINEERING  
ALIGARH MUSLIM UNIVERSITY, ALIGARH  
SYLLABUS OF PHD ENTRANCE TEST 2017-18

SECTION - A  
Multiple Choice Questions

Part I - Multiple Choice Questions on Research Methodology (40 marks)

Writing Skills; Tenses, parts of speech, clauses, subject verb agreement, idioms and phrases, reading comprehension, word meaning, synonyms-antonyms, hyponyms.

Logical and Analytical Reasoning;
Programming Skills; Data types, assignments, conditional statements, branching and looping, input and output statements.

Mathematics and statistics; Algebra, ordinary differential equations (ODE), numerical analysis, real and complex analysis, vector analysis, measure of central tendency, probability distribution function.

Part II - Multiple Choice Questions on Electrical Engineering (10 marks)


SECTION - B  
Subjective Questions (30 Marks)

Specialization: Power System and Drives

OR

Specialization: Instrumentation and Control

OR

Specialization: High Voltage & Insulation Engineering