

INTERNATIONAL ISLAMIC UNIVERSITY, ISLAMABAD
FACULTY OF ENGINEERING AND TECHNOLOGY

Department of Electronic Engineering

1. Admission Merit Criteria*

1.1 Ph.D (EE)

Academic qualification: 30%

Admission test: 50%

Interview: 20%

2. Ph.D (EE) Admission Test

2.1. Test Format

Total Questions (MCQs) = 100

Total Test Time = 2 Hours

2.2. Test Contents

General Section = 30 questions of the total questions

Subject Section = 70 questions of the total questions

2.3. Areas of General Section

English (Verbal) = 15

Analytical Reasoning = 15

2.4. Subject Section Distribution

Sr.No	Core Areas of Education	No of questions out of 70
1.	Basic Electric Engineering	8
2.	Communication Systems	6
3.	Control Systems	6
4.	Digital Signal Processing	4
5.	Electrical Machines	6
6.	Electromagnetic Field Theory	4
7.	Electronic Devices and Circuits	5
8.	Instrumentation and Measurement	3
9.	Integrated Circuits	3
10.	Principle of Computing	6
11.	Digital Logic Design	6
12.	Microprocessor Based System	3
13.	Power Electronics	4
14.	Power Systems	6

	Total questions:	70
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Note: Test format is in accordance with NTS GAT (Subject)-Electrical Engineering.

* Successful candidates are required to submit GAT-Subject scores (minimum 60% cumulative) before or latest by the end of first semester of PhD program.