

**INTERNATIONAL ISLAMIC UNIVERSITY, ISLAMABAD**  
**FACULTY OF ENGINEERING AND TECHNOLOGY**

**Admission Merit Criteria**

**MS (EE/ME)/Ph.D**

Academic qualification: 30%

Admission test: 50%

Interview: 20%

**Ph.D (EE) Admission Test**

**Test Format**

Total Questions (MCQs) = 100

Total Test Time = 2 Hours

**Test Contents**

General Section = 30 questions of the total questions

Subject Section = 70 questions of the total questions

**Areas of General Section**

English (Verbal) = 15

Analytical Reasoning = 15

**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
	<b>Total questions:</b>	<b>70</b>

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