



**ANKARA YILDIRIM BEYAZIT UNIVERSITY**  
**Electrical and Electronics Engineering Department**  
**MSc - PhD Entrance Exam**

In the written exam, you will answer **only 5** of the questions within **100 minutes** according to the directions below. The questions will be asked from the specified books.

	Check ✓	SUBJECT	BOOK
<b>SELECT AND SOLVE ONLY</b> <b>5</b> <b>QUESTIONS</b>		1. <i>Electrical Circuits</i>	<i>Alexander &amp; Sadiku, Fundamentals of Electric Circuits</i>
		2. <i>Electronics</i>	<i>Razavi, Fundamentals of Microelectronics</i>
		3. <i>Electromagnetic Fields</i>	<i>Cheng, Field and Wave Electromagnetics</i>
		4. <i>Digital Design</i>	<i>Mano &amp; Ciletti, Digital Design</i>
		5. <i>Programming</i>	<i>Dietel, C How to Program</i>
		6. <i>Microprocessors</i>	<i>Valvano, Embedded Systems: Introduction to Arm Cortex-M Microcontrollers</i>
		7. <i>Control Systems</i>	<i>N.Nise, Control Systems Engineering</i>
		8. <i>Signals and Systems</i>	<i>Oppenheim, Signals and Systems</i>
		9. <i>Telecommunications</i>	<i>Proakis &amp; Salehi, Fundamentals of Communication Systems, 2<sup>nd</sup> Ed.</i>
		10. <i>Power Electronics</i>	<i>M.Rashid, Power Electronics: Devices ..., D.Hart, Power Electronics</i>
		11. <i>Distribution Systems</i>	<i>Turan Gönen, Electric Power Distribution Engineering</i>
		12. <i>Electromechanical Energy Conversion</i>	<i>Chapman, Electric Machinery Fundamentals</i>

**Note:** In the exam, if you don't put a check mark "✓" next to the subject you solved, it will NOT be graded!

If you put more than 5 check marks, then only the first 5 will be graded!

**PLEASE FILL IN THE FORM AND BRING WITH YOU TO THE EXAM**

**Research Area Preference Form**

Name/Surname:.....

Signature:

**Please write down your current employment information, especially details about your job description.**

**Please List Your Field of Interest, from 1 to 3. You may add details as you like.**

1.
2.
3.

**Please list the department professors you would like to work with, from 1 to 3. Have you already determined a thesis subject? If so please add details.**

1.
2.
3.