Ankara Yıldırım Beyazıt University
Electrical and Electronics Engineering Department
<u>PhD Qualification Exam Field Selection Form</u>

Name: ……………………………….

ID number: …………………………   **Signature:** …………………………

Select and solve **only 8** of the questions according to the directions below.

	Check ✔	SUBJECT	BOOK
COMPULSORY SUBJECTS **SOLVE** <u>**ALL 4**</u>	✔	1. Electrical Circuits	*Alexander & Sadiku, Fundamentals of Electric Circuits*
	✔	2. Electronics	*Razavi, Fundamentals of Microelectronics*
	✔	3. Electromagnetic Fields	*Cheng, Field and Wave Electromagnetics*
	✔	4. Digital Design	*Mano & Ciletti, Digital Design*
OPTIONAL SUBJECTS *SELECT ONLY* **4** *OF THESE* *CHECK THE BOX TO THE LEFT OF THE SUBJECT WHICH YOU WILL SOLVE FOR* ***You will not be able to try other subjects!***		5. Programming	*Dietel, C How to Program*
		6. Microprocessors	*Valvano, Embedded Systems: Introduction to Arm Cortex-M Microcontrollers*
		7. Control Systems	*N.Nise, Control Systems Engineering*
		8. Signals and Systems	*Oppenheim, Signals and Systems*
		9. Telecommunications	*Proakis & Salehi, Fundamentals of Communication Systems, 2nd Ed.*
		10. Power Electronics	*M.Rashid, Power Electronics: Devices …,* *D.Hart, Power Electronics*
		11. Distribution Systems	*Turan Gönen, Electric Power Distribution Engineering*
		12. Electromechanical Energy Conversion	*Chapman, Electric Machinery Fundamentals*