BOĞAZİÇİ UNIVERSITY
INSTITUTE OF BIOMEDICAL ENGINEERING
ASSISTANSHIP EXAM

Rules:

* Exam will start exactly at 10.00 am. (January 7th 20025, Tuesday). @BME Bldg. Boğaziçi University Kandilli Campus.
* No books. No Calculators. Cell phones are off.
* The duration of the exam is maximum 3 (three) hours (180 minutes).
* There are 12 questions, you are expected to answer 8 of them. Please DO NOT answer more than 8 questions. If you want any of your answers not to be graded, just cross the whole page. Each question is 12.5 points.
* Roughly half of the questions will cover basic concepts, the rest will need deeper understanding of more advanced topics.
* These subject headings will be covered in this exam:
	+ Basic Neuroscience
	+ Basic Biology (Cell, Central Dogma)
	+ Anatomy and Physiology (Nervous System and Cardiac System)
	+ Biophysics
	+ Linear Systems and Algebra
	+ Differential Equations
	+ Biomedical Signal and Image Processing
	+ Biostatistics
	+ Programming