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