BOĞAZİÇİ UNIVERSITY INSTITUTE OF BIOMEDICAL ENGINEERING
RESEARCH ASSISTANTSHIP WRITTEN EXAM
(as part of the overall assessment)

Date & Time: Friday, November 13, 2026 – 10:00 AM sharp.

Place: Institute of Biomedical Engineering
Boğaziçi University, Kandilli Campus
Rooms AZ18 /AZ19
Rasathane Cd., No:104, Kandilli, Üsküdar, İstanbul

Exam Guidelines:

Duration: 3 hours (180 minutes)
Format: 12 questions total

→You must answer **8 questions** maximum, **all in English**.
→ **4 questions are mandatory** from the core group.
→ **Remaining 4 questions** must be chosen from **optional** group.
→ Each question is worth 12.5 points.

⚠ **Important:**

- Do not answer more than 8 questions. Only the first 8 (in question number order) will be graded.
- If fewer than 4 core questions are answered, optional ones will not count toward your core requirement.
- You may answer more than 4 core questions. If you do, those additional core questions will count toward the optional portion. However, the total number of answers must not exceed 8.

Rules During the Exam:

- Closed book, no notes, no internet access, no calculators
- All mobile phones must be turned off and placed in the designated box

Exam Content Overview: This exam evaluates both foundational and advanced topics in Biomedical Engineering.

Core Topics (expect mandatory questions from these):

- Basic Biology, Human Anatomy & Physiology
- Linear Systems & Algebra, Differential Equations
- Biomedical Instrumentation (including electronics, control systems, sensors)
- Biomaterials

Supporting Topics (may appear in optional questions):

- Biostatistics
- Biomedical Imaging
- Biomedical Signal Processing