

## **Purpose of the questions**

**International Master's Programs of Chemical Engineering in the Graduate School of Engineering,  
Kyushu University (Academic Year from October, 2025)**

Subject: Fundamentals of Bioengineering (1 sheet)

1. These exam questions are designed to assess examinees' knowledge of cellular components and genetic engineering, which are fundamentals of bioengineering.
2. These exam questions are designed to assess examinees' knowledge of plasma membrane components and DNA replication, which are fundamentals of bioengineering.