

2026 年度秋季・2027 年度春季 I 期 大学院歯学研究科入学試験
2026 年度第 1 回 大学院歯学研究科外国語試験 出題意図および解答・解答例

【出題の意図】

大学院歯学研究科における外国語試験は、英文読解、英作文、および英語論述形式の 3 つの形式から構成されています。

英文読解においては、限られた時間内に専門的な内容を正確に把握するために必要な能力を問うために実施されています。また、英作文においては、正確な文法や語彙の運用能力を図り、英語論述問題においては、論理的かつ正確な英文構成力に関して評価を行うものです。

歯学研究の最先端情報や学術論文の殆どが英語で発信されています。したがって、大学院の入学においても、英語試験により、英語論文を正確に読解し、研究動向を自ら把握できる基礎力を最低限担保することにより、大学院入学後の円滑な研究の遂行と学位論文の作成が可能になるものと考えられ実施されています。

※以下に記載しているものは解答例です。解答例以外にも正解とする場合があります。

【英語 A】

Q1. Translate the following Japanese text into English.

Researchers are required to communicate their research findings clearly not only to experts but also to the public. In particular, research in medicine and the life sciences may affect people's lives and health. Therefore, researchers must present their findings accurately and explain their significance clearly. Communicating research findings widely to the public is important for promoting a better understanding of science.

Q2. Translate the following English text into Japanese.

多くの人は、コンピューターが異なる言語間の翻訳や画像の解析を行い、さらにはある程度自然な会話までできることを、実際に体験したことがあるだろう。しかし、このような技術が、大量のデータの整理や分析をはじめ、以前から研究において重要な役割を果たしてきたことは、あまり知られていないかもしれない。機械学習は、過去 15 年から 20 年の間に急速に発展し、人工ニューラルネットワークと呼ばれる構造を利用している。今日の人工知能という言葉は、多くの場合このような技術を指している。

【英語 B】

Answer the following questions in English.

Q1. How many people participated in the study, and how many countries were represented?

More than 100,000 people participated in the study, and 125 countries were represented.

Q2. Describe the decision experiment used in the study. What were the two options, and what happened if both people chose to cooperate?

Each participant was paired with an unknown person from their own country and asked to choose

between two options. The first option ("Do not cooperate") gave a guaranteed payment of 100 US

dollars.

The second option ("Cooperate") paid only 70 US dollars to the participant. However, if both people

independently chose to cooperate, an additional 400 US dollars would be donated to a climate change

charity.

Q3. What percentage of participants globally chose to cooperate?

69 percent of participants globally chose to cooperate.

Q4. According to the study, what is the most powerful factor driving cooperation?

Expectations proved to be the most powerful factor. People who believed that others around them would

cooperate were themselves much more likely to cooperate.

Q5. What does the study mean by a "pessimistic misperception"? Give one specific example from the text.

A "pessimistic misperception" means that people systematically underestimate how cooperative their

fellow citizens actually are. For example, globally, participants expected a cooperation rate of only

47 percent, even though the actual rate was 69 percent. / In Germany, participants estimated that only

47.6 percent of fellow Germans would cooperate, while the actual rate was 86 percent.

Q6. What does the term Homo sapiens mean in Latin?

Homo sapiens means "wise human" in Latin.

Q7. Based on the findings of this study, what new term did the authors propose to describe our species? Write the term as it appears in the text.

Homo cooperans

Q8. What does the new term proposed by the authors mean, and why did they choose it to describe human beings?

Homo cooperans means "cooperative human." The authors chose this term because the study showed that our deep-rooted willingness to work together for the common good — rather than selfishness may be the most defining feature of our species. Since 69 percent of participants globally chose to cooperate even at a personal financial cost, the authors argued that cooperation, not merely intelligence, is what best characterizes Homo sapiens.

【英語 C】

Why is research important for people's health? Write your opinion in English within 100 words, and write the number of words at the end.

Research is essential for people's health. Through clinical and basic research, dentists can discover the causes of oral diseases such as caries and periodontitis and develop more effective treatments and preventive methods.

Without research, dental practice would be limited to outdated techniques. Research also reveals links between oral health and systemic diseases such as diabetes and cardiovascular disease, enabling dentists to provide more comprehensive care. Furthermore, ongoing research leads to new materials, technologies and evidence- based guidelines that improve the quality and safety of treatment. Research transforms clinical uncertainty into reliable, effective dental care for patients.

(95) words