

2025 年度 国際学科

# 英 語

〔自己推薦AO(A)〕 14-J1

## 注 意

1. 監督者の合図があるまで問題冊子は開かないでください。
2. 解答はすべて解答用紙のきめられた箇所に記入してください。

**Section A. Read the following passage and summarize the main points of the passage in Japanese. Write between 200-250 characters.**

In the landscape of innovative technology, there exists a growing movement towards imagining a future where compact, AI-infused\* devices seamlessly carry out essential tasks with only voice commands. Led by a few select tech companies, this emerging pattern integrates artificial intelligence (AI) into wearable gadgets, offering users a unique means of interaction that removes the use of traditional screen interfaces.

Currently leading this trend is the Ai Pin, a creation of the California-based startup Humane. Characterized by its small size similar to that of a tin of Vaseline\*, the Ai Pin functions as a wearable device attached to the user's clothing via a magnet. Breaking away from conventional screen-based interfaces, this gadget uses a laser projection mechanism to display a simple menu on the user's palm, navigable through voice commands similar to those give to popular AI chatbots like ChatGPT.

The excitement surrounding the Ai Pin's potential uses is everywhere, with individuals like Tiffany Jana, a traveling consultant who relies on technology for work, expressing keen interest in its ability to serve as a versatile\* aide, replacing the need for multiple assistances during her travels. The attraction of such AI-powered wearables lies in their ability to streamline tasks while doing away with distractions associated with smartphone applications.

Nonetheless, the journey towards widespread adoption of wearable AI devices is not without its challenges. Past attempts, like Google Glass, faced criticisms of impracticality and stylistic disconnect with mainstream fashion. Despite advancements in design and functionality, issues such as misinformation "hallucinations\*" and redundancy\* with existing smartphone features raise questions about the purpose and viability\* of these devices.

In response to these challenges, tech innovators are exploring unique approaches to AI integration. Rabbit Inc.'s R1 device, for instance, offers a different approach by creating a centralized interface which facilitates seamless interaction with a wide variety of applications and platforms. This reimagining of user-device interaction brings about a transformative shift towards a unified digital ecosystem.

Looking forward, the future of wearable AI devices is promising among ongoing collaborations between industry giants and design visionaries, creating a future where integrating technology in our daily lives goes beyond the limits of the smartphone. Yet, despite the advancements that wearable AI devices have made, smartphones will be difficult to replace as they are used by millions of people around the world.

The intersection of AI and wearable technology represents an important moment in the evolution of how humans interact with devices, characterized by a transition towards intuitive, hands-free interfaces. Despite some challenges with how comfortable and reliable these devices are, new inventions like Rabbit Inc.'s R1 device show that we're heading towards a future where technology seamlessly works with AI to make things easier.

Combining AI with wearable technology shows that we're moving towards a future where using devices becomes even easier and more efficient. As technology keeps improving, AI-powered wearables give us a peek\* into a world where humans and machines work together more closely, bringing us more connected and useful tools.

注

\*AI-infused : AI が導入された

\*a tin of Vaseline : ワセリンの缶

\*versatile : 汎用性のある

\*hallucinations : 根拠のない誤った考え

\*redundancy : 重複

\*viability : 実現可能性

\*peek : のぞき見

Adapted from “Wearable AI: will it put our smartphones out of fashion?”, by Callum Bains, March 31, 2024, The Guardian.

<<https://www.theguardian.com/technology/2024/mar/31/wearable-ai-smartphones-fashion-ai-pin-rabbit-r1-meta-smart-glasses-pendant-tab>>

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**Section B. Write an essay in English that responds to the following question. Write between 250-300 words.**

Many people around the world use smartphones every day to add convenience to their lives. What would be some of the advantages of switching from smartphones to wearable smart devices like those detailed in the article? What about the disadvantages? Give specific examples to support your ideas and thoughts.