

Graduate School of Medicine, Akita University  
Entrance Examination (Doctoral Course)  
(Second time)

English

10:00～11:40

December 19, 2024

You have three QUESTION SHEETs and three ANSWER SHEETs.

Write all your answers on your ANSWER SHEETs.

Submit only your ANSWER SHEETs.

Do not open the questions until the supervisor gives instructions.

I Answer the following questions after having read the following sentences.

(Text omitted)

(Text omitted)

(Text omitted)

<Arif Perdana. 2024. "An eerie 'digital afterlife' is no longer science fiction. So how do we navigate the risks?" THE CONVERSATION. Published: June 23, 2024>

Q1 Explain what is the "Digital afterlife industry" within 200 words.

Q2 List three problems for the "Digital afterlife industry" within each 100 words.

Q3 Answer within 100 words for the question in the title "An eerie 'digital afterlife' is no longer science fiction. So how do we navigate the risks?".



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| Applicant<br>Number |  | Name |  |
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## English (Doctoral Course) : Answer Sheet

2/3

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Q2 List three problems for the “Digital afterlife industry” within each 100 words.

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## English (Doctoral Course) : Answer Sheet

3/3

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Q3

Answer within 100 words for the question in the title “An eerie 'digital afterlife' is no longer science fiction. So how do we navigate the risks?”.

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Q1 Explain what is the “Digital afterlife industry” within 200 words.

20 点

Companies serving the digital afterlife industry promise to create virtual reconstructions of deceased individuals based on their digital footprints by using data from social media posts, emails, text messages and voice recordings to create digital personas that can interact with the living. By using of VR and AI technologies, virtual reconstructions of our loved ones possible are making.

For example, HereAfter allows users to record stories and messages during their lifetime, which can then be accessed by loved ones posthumously. MyWishes offers the ability to send pre-scheduled messages after death, maintaining a presence in the lives of the living. Hanson Robotics has created robotic busts that interact with people using the memories and personality traits of the deceased. Project December grants users access to so-called deep AI to engage in text-based conversations with those who have passed away.

Q2 List three problems for the “Digital afterlife industry” within each 100 words.

1. The emotional impact may be profoundly negative, exacerbating grief rather than alleviating it. AI recreations of loved ones have the potential to cause psychological harm.

2. Major issues and ethical concerns surrounding this tech include consent, autonomy and privacy. The deceased may not have agreed to their data being used for a digital afterlife.

3. There is also the risk of misuse and data manipulation. Digital personas could be altered to convey messages or behaviours the deceased would never have endorsed.

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Q3 Answer within 100 words for the question in the title “An eerie 'digital afterlife' is no longer science fiction. So how do we navigate the risks?”.

20 点

Several ethical guidelines and regulations have been recommended. Namely, obtaining informed and documented consent before creating digital personas from people before they die age restrictions to protect vulnerable groups clear disclaimers to ensure transparency and strong data privacy and security measures.