

令和6年1月17日実施 / January 17th, 2024

名古屋市立大学大学院医学研究科博士課程入学試験(2回目) 外国人－英語

I. Read the following sentences and answer the following 4 questions.

The text of this question cannot be published due to copyright law.

Authority: TED How the COVID-19 vaccines were created so quickly – Kaitlyn Sadtler and Elizabeth Wayne

Question 1. Select the most appropriate words to fill in the blanks ① to ④ from the list below.

(a) When (b) What (c) But (d) Without (e) In fact (f) Thus

①

②

③

④

Question 2. Select one of the following options that best describes the characteristics of mRNA vaccines and mark it.

1. mRNA vaccines protect themselves from viruses by using the body's existing cellular mechanisms to cause the body to experience infection and to mount an immune response.

2. mRNA does not exist in nature and is created artificially.

3 mRNA encodes instructions for synthesizing proteins.

4. mRNA vaccines can change DNA.

Question 3. Why does the COVID-19 vaccine take less time to manufacture than other vaccines?

Question 4. Why do the antibodies contained in the new corona vaccine reduce the risk of being exposed to new mutant strains?

令和6年1月17日実施

名古屋市立大学大学院医学研究科博士課程入学試験(2回目) 外国人－英語

II. Read the following sentences and answer the following 5 questions.

The text of this question cannot be published due to copyright law.

Authority: Aybars Tuncdogan, Oguz A. Acar Scientific American on June 14, 2023

Question 1. Chose the word of which meaning is the closest to ¹⁾soared.

1. changed
2. cooperated
3. costed
4. damaged
5. increased

Question 2. What does the author describe in the text the last job of humans?

Question 3. In 2016, how many games did Alpha Go play, and how many games did it win?

Question 4. What professions are not likely to be replaced by AI?

Question 5. What is implied by the ²⁾underlined sentence?