

栄東中学校

帰国生入試

英語 模擬問題

B) Choose the word or phrase that best completes the sentence.

- 1) My brother and sister _____ in Colorado.
a. live b. lives c. life
- 2) Tomorrow, I'm _____ to Disney World.
a. going to go b. would go c. go
- 3) Not only my mother likes Christmas but _____ my father.
a. too b. either c. also
- 4) _____ football can be dangerous.
a. Do b. Played c. Playing
- 5) I _____ to school yesterday morning.
a. walked b. have walked c. will have been walking
- 6) The cake _____ by Phil.
a. eaten b. was eaten c. ate
- 7) We write to _____ once a day.
a. each other b. every other c. some other
- 8) Last night, when I checked, the paint had finally _____.
a. was dried b. dries c. dried
- 9) Tony _____ how to use that machine.
a. known b. know c. knows
- 10) He never really _____.
a. care b. cared c. caring

C) Choose the best response for each question or statement.

- 1) When is the best time for you?
 - a. Not much, thanks.
 - b. Thanks a lot.
 - c. Whenever.

- 2) When were you able to do that?
 - a. I'm always learning.
 - b. About 5:30 PM.
 - c. Since I was seven.

- 3) What time is she going?
 - a. Ten minutes by car.
 - b. One hour ago.
 - c. Right about now.

- 4) Are you going to Osaka?
 - a. No, I'm going to Kyoto.
 - b. Yeah, I love the country.
 - c. No, I'm from Fukuoka.

- 5) Did you know that this year is a leap year?
 - a. I love leap years.
 - b. Is that so?
 - c. Next year is a leap year.

- 6) How much time do you have?
 - a. A few
 - b. Plenty.
 - c. Several.

- 7) What do you think of the weather?
 - a. Winter.
 - b. Typhoons are terrible.
 - c. It's too cold.

8) Thanks for teaching me how to do that.

- a. I think that's great.
- b. You're welcome to do that.
- c. No problem.

9) What a great day?

- a. I think so too.
- b. Days are good.
- c. Greatness is good.

10) Could you pour me some coffee?

- a. There is some tea.
- b. Coffee is good.
- c. Sure, give me your cup.

D) Please read the following passage.

I'm sure all of you have seen TV programs or movies with actors or actresses playing superheroes. However, from a biological standpoint how realistic is to expect humans to mutate into comic book-like heroes possessing supernatural powers? Well, looking at current science, especially the evidence of how gene mutations play a role in species evolution, the answer is not very likely – at least not very soon that is.

Even though we can see mutations that are beneficial to humans, such as mutations that have helped humans survive past incidents of plague and are now helping delay the onset of AIDS in a few HIV patients, the number of these beneficial mutations is quite limited in scope. I would estimate the ratio of beneficial mutations to harmful ones to be only about one positive mutation to every ten negative ones, in other words only about 10%. And the majority of the beneficial mutations are only weakly beneficial at best. This means that you are much more likely to have mutations that will harm or kill you than will actually help you. This is not good for a superhero.

In fact, and unfortunately for humans, there are literally hundreds of genetic disorders caused by mutations that adversely affect survival. There are numerous genetic disorders that cause all sorts of problems for the physical, mental, and even psychological development of humans.

Perhaps in the future when we get better at gene therapy, doctors can someday correct defects through a technique called “genetic engineering.” Genetic engineering uses viruses to alter and repair damaged DNA. However, genetic engineering is in its infancy, so it is still not a practical technique. So, for the time being, becoming a comic book superhero is just about impossible, at least from a biological point of view unless more techniques are developed.

In short, even though I am sure that many of you would like to possess some fantastic ability, such as the ability to fly or to breathe underwater, but without some unlikely mutation that would turn you into a whole new species that probably wouldn't even resemble a human, you can basically forget the idea of becoming a superhero –

at least for a while. But I guess it is still good to dream anyhow, wouldn't you say?

Please answer the following questions.

- 1) Summarize the main idea of the passage in a sentence or two.

- 2) What is the ratio of beneficial mutations to harmful ones in humans?

- 3) What is an example of a beneficial mutation in humans?

- 4) How will doctors be able to help people with harmful gene mutations in the future?

- 5) According to the professor, how likely is it for people to develop supernatural abilities through gene mutations?

E) Please choose 2 of the 5 listed questions and write 2 essays with a minimum of 100 words. Write the number of the chosen essay in the () on the answer sheet.

1. If you had a magical pocket that you could pull out any three items that you wanted, which items would you pull out and why?

2. Some students enjoy relaxing on days that they do not have to go to school, what do you like doing and why?

3. We can learn many experiences from living abroad, what things do you think young people can learn?

4. What concerns do you have about junior high school life?

5. Who is someone you admire and why?

Answer Key :

A) Choose the underlined part that is incorrect.

1. B

2. A

3. B

4. C

5. B

6. B

7. A

8. A

9. B

10. C

B) Choose the best word or phrase.

1. A

2. A

3. C

4. C

5. A

6. B

7. A

8. C

9. C

10.B

C) Choose the best response.

1. C

2. C

3. C

4. A

5. B

6. B

7. C

8. C

9. A

10.C

D) Answer the reading questions

1. Although it would be nice to be able to mutate into a hero with various superpowers, the chances are very slim. We have to wait a long time before this will happen.
2. The ratio is about 10:1
3. Examples are the mutations that have helped humans survive plague and HIV.
4. Doctors will be able to help harmful gene mutation with genetic engineering in the future.
5. According to the professor, it is just about impossible.