

市立新北高工111學年度第1學期段考試題								班別	三甲 三乙	座號		電腦卡 作答
英語文	命題教師	姚道惟	審題教師	尤婉守	年級	三	科別	應英科	姓名			是

一、單字選擇 (一題 3 分，共 30 分)

1. () I'm _____ to seafood such as shrimp and crab; I get itchy after consuming them.
 (A) allergic (B) inclusive (C) genetic (D) ethical
2. () The model ship has all the same parts as the real thing, but on a much smaller _____.
 (A) concern (B) theory (C) scale (D) switch
3. () Whether to build a new nuclear power plant has _____ intense debate.
 (A) reacted (B) concerned (C) estimated (D) provoked
4. () The city has been _____ beyond recognition since Tommy left ten years ago.
 (A) suited (B) reacted (C) estimated (D) altered
5. () The patient was in _____ while waiting for the result of his medical test.
 (A) fiber (B) switch (C) torment (D) tissue
6. () The muscle _____ in both Larry's legs were severely damaged in the accident, so he now has great difficulty walking.
 (A) fibers (B) theories (C) switches (D) minerals
7. () Many parents have expressed their deep _____ about a series of food poisoning incidents in multiple schools.
 (A) mineral (B) fiber (C) allergy (D) concern
8. () According to the instructions on the bottle, when taken in large quantities, this new medicine may _____ deadly side effects.
 (A) switch (B) concern (C) induce (D) estimate
9. () The _____ construction costs exceed our budget, so we need to cut down on the scale of our plans.
 (A) estimated (B) switched (C) induced (D) composed
10. () The company made _____ changes in order to be more competitive in the overseas market.
 (A) ethical (B) primitive (C) substantial (D) genetic

二、文法選擇 (一題 3 分，共 15 分)

11. () The _____ baseball team has won championships three years in a row.
 (A) well-training (B) trained-well (C) well-trained (D) training-well
12. () After almost a year without rain, the government of the _____ country urged people to conserve water as much as possible.
 (A) drought-strike (B) drought-striking (C) drought-strikes (D) drought-stricken
13. () Lisa was determined to land the high-paying job by _____ the CEO during her job interview.
 (A) impression (B) impressing (C) impressed (D) impresses
14. () All the family could do _____ in the hospital lobby for the operation to be completed.
 (A) was waited (B) to wait (C) was wait (D) waiting
15. () Since what Mavis just proposed _____ an excellent idea, we should take it into consideration.
 (A) sounds (B) sounds of (C) sounds to (D) sounds like

三、綜合測驗 (一題 2 分，共 40 分)

1. Mosa Meat was founded in the Netherlands in 2015. The company is involved in a new industry that has (16) a lot of discussion in recent years: lab-grown meat. What Mosa and others in the industry do is produce meat from animal cells. The company seems bound for success due to the fact (17) one founder is a university professor and the other has worked in the meat industry for years. There are also some prominent business leaders (18) in the company, including Google co-founder Sergey Brin.

Mosa Meat has already experienced some success. The two founders spent three months producing the world's first cultured* hamburger, but this success came (19): \$325,000. In time, though, the pair believe that (20) equipment will be able to produce much more affordable meat. They (21) that one of their burgers should cost \$11 at a restaurant in the near future.

Mosa Meat's mission is to (22) food culture that is healthier for the planet. Their production process causes none of the environmental damage that troubles traditional meat production. (23), it's eco-friendly* meat. With expert founders, strong financial support, and a noble mission, (24) Mosa Meat is destined* for greatness. Still, (25) you would eat a Mosa burger someday or not, you can appreciate their business plan. Wouldn't it be great if more companies shared Mosa Meat's global view?

- () (16) (A) provoked (B) concerned (C) reacted (D) altered
 () (17) (A) which (B) when (C) as (D) that
 () (18) (A) invested (B) investing (C) to invest (D) invest

- () (19) (A) at a loss (B) at a glance (C) at a price (D) at a time
() (20) (A) tech-high (B) highly tech (C) high-tech (D) high-teched
() (21) (A) induce (B) estimate (C) compose (D) switch
() (22) (A) helping create (B) help creating (C) helping creating (D) help create
() (23) (A) By contrast (B) Instead (C) In other words (D) On the other hand
() (24) (A) in turn (B) in advance (C) in practice (D) in theory
() (25) (A) whether (B) whatever (C) what (D) if

2. A special restaurant opened recently in Tel Aviv, Israel. What makes it special? Can you imagine (26) a delicious chicken meal and then walking out without paying a cent? Before you (27) to any odd (27), let me explain. The Chicken is a restaurant that serves lab-grown chicken. The Israeli government has yet to approve this revolutionary new product for legal sale. (28) the only thing you owe is your honest feedback. (29) the rather odd circumstances, customer feedback is valuable to the management as they work to perfect their menu.

Supermeat, the production center for this lab-grown meat, has its (30) and offices right next to The Chicken. As with all companies in the lab-grown meat industry, Supermeat is trying to get consumers to (31) from traditional meat to their cultured* meat. The restaurant allows its chefs to experiment with the company's (32) products and share their successes with The Chicken's diners. (33), it allows Supermeat to demonstrate to consumers how delicious their products can be.

Support (34) the lab-grown meat industry continues to increase every year. When will the Israeli government grant their approval? How much will the average consumer embrace this new product? All we can do is (35) what the future holds. Until then, however, The Chicken has a table waiting for you.

() (26) (A) ate (B) eating (C) eat (D) to eat

四、閱讀測驗（一題 3 分，共 15 分）

1. Factory farms are a key reason for the rise of vegetarianism* in recent decades. On a factory farm, thousands of animals are kept at the same time. Modern corporations try to create the most efficient farms possible. But the more efficient and larger the farm is, the worse it is for the environment and for the animals. There are many problems with factory farms. First, these types of farms often restrict animals to a very small space. The animals suffer terribly in these circumstances, and they easily become sick. Second, these farms are very bad for the environment. The animals are kept in very dirty conditions, which leads to the pollution of nearby water sources. Even the chemicals used to clean the farms can reach water and pollute it. Furthermore, a large number of animals kept in factory farms create greenhouse gases such as methane* and carbon dioxide*. These gases, which are responsible for global warming, come from both the animals and the farms themselves. The farms use large amounts of electricity, which can contribute to global warming as well. So, what can you do to help reduce the impact of factory farms? The easiest thing to do is to eat less meat! Up to nine billion animals are killed each year to satisfy people's taste for meat. Even just by choosing one day each week to avoid meat, you would be making a difference.

- () (36) What is the best title for this passage?
(A) Ways to Protect the Environment (B) Why Factory Farms Are Problematic
(C) Why Vegetarianism Should Be Universal (D) Factory Farms: Hell for Animals

() (37) According to the passage, what is the best solution to the problem of factory farms?
(A) To publicize the dark side of factory farms. (B) To place a ban on meat products.
(C) To reduce the amount of meat people eat. (D) To tax factory farm owners heavily.

() (38) What can be inferred from the passage?
(A) Factory farms are much more efficient than traditional farms. (B) If people eat less meat, they can prevent global warming from getting worse.
(C) Factory farm owners should be heavily fined for their mistreatment of animals. (D) People may get sick when they are in contact with sick animals in factory farms.

2. How is cultured* meat created? You may have noticed plant-based “meat” appearing more often in supermarkets and even fast-food restaurants. Burger King and FamilyMart in Taiwan have been selling plant-based meat such as the Beyond Burger in recent years. However, cultured meat is not created from plant products like soybeans. Instead, it is created in factories by using animal stem cells. Stem cells are useful because they can be grown into different types of cells according to the scientists’ needs. For example, they can be turned into fat cells or muscle cells and then combined together.

Eat Just is one technology company that has been working hard on growing meat from stem cells. In December 2020, it served the first lab-grown chicken nuggets* at a restaurant in Singapore called 1880. The chicken pieces were made from seventy percent lab-grown chicken meat, and thirty percent plant protein. While only a small number of guests were able to try this exciting new product, it was still a historic moment. Some researchers believe that by 2030, the cultured meat industry will grow to 140 billion US

dollars. It is unlikely that lab-grown meat will replace meat from live animals anytime soon. Currently, it takes a lot of money to research and produce meat in labs. But in the future lab-grown meat may help reduce the environmental damage caused by our love of meat.

- () (39) What is the main purpose of the passage? (A) To introduce a new technology company. (B) To describe an alternative cultured meat. (C) To encourage people to embrace something new. (D) To contrast the popularity of cultured meat in Taiwan and in Singapore.
- () (40) According to the passage, which of the following is true? (A) The first lab-grown chicken nuggets were eaten in Singapore in December 1880. (B) It is believed that lab-grown meat will replace real meat in the near future. (C) Some stores in Taiwan are selling plant-based meat now. (D) The cultured meat industry is unlikely to make any big profits because of its high costs.