

「英語」、「日本史」、「世界史」、「現代社会」、「数学」、「国語」の6科目から2科目を選択し、解答すること。「国語」はたて書きで、うしろから始まっているので注意すること。

注 意 事 項

1. 試験開始の合図があるまで問題冊子を開かないこと。
ただし、マーク記入上の注意は裏表紙にあるので、問題冊子を裏返して読んでおくこと。
2. 監督者の指示に従い、別紙解答用紙の所定欄に氏名、受験番号を記入すること。さらに受験番号の下のマーク欄に受験番号をマークすること。
3. 解答する科目を2つ選び、解答用紙の科目欄にマークすること。**その際、「日本史」「世界史」「現代社会」からの2科目選択はできない。**マークされていない場合、3科目以上にマークされている場合、または3科目以上を解答した場合は採点の対象にならないので注意すること。解答用紙は表が「数学」、裏が「英語」、「日本史」、「世界史」、「現代社会」、「国語」となっている。
4. 解答はすべて、解答用紙の解答欄にマークすること。
5. 「数学」において分数形で解答が求められているときは、既約分数で答えること。根号を含む形で解答が求められているときは、根号の中に現われる自然数が最小となる形で答えること。
6. 試験時間は100分。出題科目、ページ数はつぎのとおり。

出題科目	ページ
英 語	1 ~ 12
日 本 史	13 ~ 30
世 界 史	31 ~ 43
現 代 社 会	45 ~ 58
数 学	59 ~ 63
国 語	1 ~ 25

※裏表紙に続く。

英 語

第1問 次の日本語と同じ意味になるように、()内の語句を並べ替えて、3番目にくる最も適切なものを①～④から選べ。なお、文頭にくる語も小文字にしてある。

1 私は犬が玄関で誰かに吠えているのを聞いた。
I (① barking ② my dog ③ at ④ heard) someone at the door.

2 あの銀行のATMは修理が急務だ。
That bank's ATM is (① need ② in ③ of ④ urgent repair).

3 コーチは彼らにその試合の新しいルールを説明した。
The coach explained (① to ② the match ③ of ④ the new rules) them.

4 このソフトウェアのおかげで仕事をする時間がずいぶん省けた。
This software (① a lot of time ② saved ③ at ④ us) work.

5 レポートにはどの書式を使えばよいか教えてくださいませんか。
Would you (① me ② which form ③ to use ④ tell) for the report?

6 彼の意見は思慮に富んでいなかったし、筋もおっていなかった。
His opinion (① nor ② was ③ thoughtful ④ neither) logical.

7 私が困惑したのはケイトが沈黙したままだったことだ。
(① was ② me ③ confused ④ what) that Kate kept silent.

8 電話をするのにあなたのスマートフォンをお借りしてよろしいですか。
I wonder (① I could ② your smartphone ③ if ④ borrow) to
make a call.

9 他の条件が同じならば、彼らはより一生懸命に勉強したので試験に受か
ることが出来るはずだ。
(① equal ② being ③ things ④ other), they should be able
to pass the exam because they studied harder.

10 あなたが駅に着くまでには留学生たちは地下鉄に乗ってしまっているだ
ろう。
The international students (① by ② will ③ gotten on the
subway ④ have) the time you arrive at the station.

第2問 () に最も適切なものを①～④から選べ。

- 11 He () a big mistake without you.
① might be made ② might have made
③ should be made ④ has been made
- 12 () I can speak English, I can't write it.
① In order to ② Although
③ So that ④ Because
- 13 () yourself to some drinks.
① Employ ② Carry ③ Help ④ Dive
- 14 Relax and () yourself at home.
① make ② do ③ rise ④ sing
- 15 Not a () person remembered her birthday.
① marry ② double ③ worry ④ single
- 16 Only later () how much damage had been caused.
① was he realized ② did he realize
③ do he realize ④ were he realized
- 17 Whether the prime minister will quit over the issue () to be seen.
① controls ② resigns ③ shares ④ remains
- 18 He came to see her () to complain but to apologize.
① just ② not ③ still ④ in order

第3問

A () にア～ウの文を入れて会話を完成させる場合、最も適切な順番を①～⑥から選べ。

- ① アーイーウ ② アーウーイ ③ イーアーウ
④ イーウーア ⑤ ウーアーイ ⑥ ウーイーア

21

Amy : Dad, we have a new piano in our house!

Dad : Oh, you noticed. I wanted to surprise you.

Amy : It was a surprise. ()

Dad : I decided to get a new piano after we visited
Ms. Stravinsky, my old piano teacher.

Amy : ()

Dad : That's one of the reasons I got it.

Amy : ()

Dad : Yes, but I took out a loan.

Amy : Can I play it?

Dad : Sure, go ahead!

ア. Are you going to start playing again?

イ. Wasn't it expensive?

ウ. What happened?

22

Deepak : Hello, thank you for calling Taj Palace.

Barbara : ()

Deepak : Speaking.

Barbara : Hi, this is Barbara. We met at a party a while ago.

Deepak : Oh, yes, of course. How are you, Barbara?

Barbara : Fine, thanks. ()

Deepak : Of course. What would you like to have?

Barbara : ()

Deepak : Yes, good choice. Only one?

Barbara : That's right, only one. Could you please have my order ready by seven?

Deepak : No problem.

ア. I saw the Tandoori Special on your website.

イ. Is this Deepak?

ウ. Can I make a to-go order?

23

Grandpa : Roxy, dear, here's your tea. Do you take milk?

Roxy : Oh, (), Grandpa. I never put milk in my tea.

Grandpa : Oh, why not? It tastes better with milk.

Roxy : Maybe, but ().

Grandpa : In that case, we can make it a little weaker for you.

Roxy : That's OK. (). Now, how do I eat scones?

Grandpa : Usually with jam and clotted cream.

Roxy : Yum! They're delicious!

ア. I just prefer mine straight

イ. no, I don't

ウ. I like strong tea

【出典：『NHKラジオ英会話 2022年4月号』一部改変】

B 空所に最も適切なものを①～⑨から選べ。ただし、同じものを繰り返し選んではいけない。

Jeannie : Doctor, I have a question.

Doctor : Sure, Jeannie, ask me anything. That's why I'm here.

Jeannie :

Doctor : Ah, good question. It's a city in England.

Jeannie :

Doctor : Yes, worldwide. The story of Robin Hood comes from there.

Jeannie :

Doctor : Yes. It's about a man who steals from the rich.

Jeannie :

Doctor : Well, it's complicated.

【出典：『NHKラジオ英会話 2021年4月号』一部改変】

- ① Can you tell me that story?
- ② Is it famous?
- ③ But isn't stealing wrong?
- ④ It stands for Nottingham.
- ⑤ My mother came from England.
- ⑥ I've never heard the city.
- ⑦ I've never told you about him.
- ⑧ I like the country.
- ⑨ What does the "N" in your name Frank N. Stein stand for?

第4問 空所に最も適切なものを①～④から選べ。

A

Robots in Japan are found on factory floors carrying out simple tasks or delivering food to restaurant patrons, but researchers have now unveiled a robot capable of the delicate task of peeling a banana without squashing the fruit inside.

While the dual-armed machine is only successful 57% of the time, banana peeling points to a future machines undertake more subtle operations than moving metal parts or delivering coffee. Video from researchers at the University of Tokyo showed the robot pick up and peel a banana with both hands in about three minutes.

Researchers Heecheol Kim, Yoshiyuki Ohmura and Yasuo Kuniyoshi trained the robot using a “deep imitation learning” process where they the banana-peeling action hundreds of times to produce sufficient data for the robot to learn the actions and replicate it. In this case, the robot reached its success rate after more than 13 hours of training.

the robot is still undergoing more testing, Kuniyoshi believes his robot training method can teach robots to do different simple “human” tasks. He hopes the better-trained robots can ease Japan’s labor shortage problems, for example at bento lunch box or food processing factories that are dependent on human labor.

【出典：The Japan Times (Reuters), April 26, 2022, 一部改変】

① execute ② executes ③ executed ④ executing

① what ② who ③ where ④ which

① crushed ② demonstrated
③ cleaned ④ stripped

① However ② While ③ Instead ④ Thus

① rarely ② carefully ③ highly ④ occasionally

B

Many students say that, because of social media, their lives have changed in a number of positive ways. It has given them more confidence in themselves, brought them closer to family and friends, and 34 them more aware of important social issues.

Social media has also had a positive effect on the way students study and learn. Thanks to social media networks, online classes and distance learning have become increasingly popular with students around the world. And messaging and video chat tools 35 students to work on group projects without in-person meetings.

Finally, social media helps students 36 for life after university. Students can research companies, upload their resumes, 37 for jobs, and have online job interviews. And, thanks to social media, building social networks with co-workers and business partners has never been easier.

In 38, social media is a powerful tool. When used well, it can have a positive effect on students' everyday lives, their education and their future.

【出典：Robert Hickling 他, *Jigsaw INTRO*, センゲージ ラーニング, 2021年, 一部改変】

34 ① make ② making ③ made ④ be made

35 ① make ② enable ③ disable ④ discourage

36 ① propose ② prepare ③ repair ④ reduce

37 ① apply ② rely ③ deny ④ imply

38 ① conclusion ② contrast ③ decision ④ delivery

第5問 次の英文を読んで、以下の問いに答えよ。

[A] Singapore’s government has approved the sale of a laboratory-grown chicken meat. The American company that invented the product, Eat Just, says it is the first time lab-grown meat has received such approval anywhere in the world.

[B] Lab-grown meat—also called clean or cultured meat—is created from animal cells in a laboratory. The product is made without harming animals. The cells grow directly into the meat, outside of any animal. The Eat Just product is to be sold as small pieces, called nuggets. The product is set to launch at a Singapore restaurant “in the very near term,” the company’s CEO Josh Tetrick told Reuters news agency. ⁽¹⁾

[C] (①) Demand for alternatives to animal meat is rising across the world because of public concerns about health, animal welfare and the environment. Plant-based products—popularized by companies like Beyond Meat, Impossible Foods, and Quorn—are selling in a growing number of stores and restaurants. But the development of lab-grown meat has been much slower than that of plant-based versions. The main reason for the delay is money. Lab-grown meat costs a lot more to produce. Tetrick said the San Francisco-based company is also seeking approvals from U.S. government agencies. But he added that Singapore was a “good bit” ahead of the United States.

[D] (②) Tetrick said it is likely that the U.S. and countries in Europe and elsewhere will examine Singapore’s approval system and will attempt to create a similar process. Eat Just said it will manufacture the product in Singapore. The company also plans to start making a plant-based egg substitute there that it is already selling in the United States.

[E] (③) Worldwide, more than 24 companies are testing lab-

grown fish, cow and chicken meat. They are hoping to break into a new part of the alternative meat market. Financial experts at Barclays Bank have estimated the market could be worth up to \$140 billion by 2029. Competitors in the market have also been able to raise large amounts of money and win support from well-known investors. U.S.-based Memphis Meats raised money this year in a deal led by Japan’s SoftBank Group and Singapore-based Temasek. Among the Memphis Meats’ investors are Microsoft co-founder Bill Gates and Virgin Group chief Richard Branson. 【出典：Voice of America Learning English website. (2020). 一部改変】

問1 以下の文章を入れるべき最も適切な箇所を本文中の (①)～(③) から選べ。

39

The Singapore Food Agency said it examined data from processing, manufacturing control and safety testing before approving Eat Just sales.

問2 下線部 The product is set to launch at a Singapore restaurant “in the very near term,” の意味に最も近いものを選べ。 40

- ① The product will be assembled at a Singapore restaurant in the near future.
- ② The product will be exported to a Singapore restaurant from a nearby country.
- ③ The product will be produced at a Singapore restaurant during a fixed period.
- ④ The product will be sold at a Singapore restaurant very soon.

問3 下線部 Competitors in the market の1つとして最も適切なものを選び。

41

(2)

- ① Barclays Bank
- ② Virgin Group
- ③ Memphis Meats
- ④ SoftBank Group

問4 段落 [C] に書かれている内容と一致するよう空欄に入る最も適切なものを選び。 42

A growing number of people ().

- ① consider animal meat as a healthy alternative
- ② seek something other than animal meat for their diet
- ③ prefer animal meat to plant-based products
- ④ buy lab-grown meat because it is cheaper than plant-based products

問5 本文の内容と一致するものを2つ選べ。

43

44

- ① Alternatives to animal meat are considered to worsen problems in health, animal welfare, and the environment.
- ② Lab-grown meat is made from animals that are raised in laboratories.
- ③ Companies producing lab-grown meat are gaining financial support from investors.
- ④ The lab-grown meat market is likely to expand in the future.
- ⑤ Lab-grown meat has been sold in the US and countries in Europe.
- ⑥ Eat Just is going to sell the world's first plant-based egg product in Singapore.