



英語

(60分)

問題1. 次の会話を読み、下の問い合わせ (A・B) に答えなさい。

《状況》 Lin と Meg は久しぶりに会って、Meg がこれから観にいくという映画の話をしている。

Lin : Meg! I haven't seen you in a long time. How have you been?

Meg : Oh, I've been a little busy. I've started a part-time job. How have you been? (1)

Lin : Fine. How about having something to eat? I'm hungry.

Meg : Sorry, Lin, but I don't have much time. I'm going to the movies. (7)

Lin : Oh, really? What are you seeing?

Meg : *Vampire's Love*. Have you seen it?

Lin : Oh, yes. But I think that movie is terrible! (2)

Meg : Honest? Then I think I'll have some coffee with you. (4)

A 下線部 (1) (2) について、それぞれ下の問い合わせ (問1・2) に示された ①～④のうちから、最も強調して発音されるものを、一つずつ選びなさい。 (1) (2)

問1. 1

① How ② have ③ you ④ been

問2. 2

① that ② movie ③ is ④ terrible

B (ア) (イ) について、それぞれ下の問い合わせ (問3・4) に示された ①～④のうちから、下線部の発音が同じものを、一つずつ選びなさい。 (3) (4)

問3. movies 3

① total ② prove ③ doctor ④ focus

問4. honest 4

① hopeful ② holiday ③ honorable ④ hospital

問題2. 次の問い合わせ (A～C) に答えなさい。

A 次の問い合わせ (問1～10) の空欄 (5)～(14) に入れるのに最も適切なものを、それぞれ下の①～④のうちから一つずつ選びなさい。

問1. That store is always crowded, because they have 5 all through the year.

① many kind of furniture ② many kind of furnitures
③ many kinds of furniture ④ many kinds of furnitures

問2. Children 6 from six to twelve gather here every morning and walk to school together.

① age ② ages ③ aged ④ age of

問3. Toma is like a brother to me, because I 7 him since we were next-door neighbors in kindergarten.

① know ② knew
③ have known ④ have been knowing

問4. My sister is proud of herself because she can play the trumpet better than any 8 of her school band.

① member ② members ③ other member ④ other members

問5. There are many nice houses in the town, but we think 9 is the best because it is really comfortable.

① our ② ours ③ ourselves ④ us

問6. When you are young, you should not be afraid to do 10 you want to do.

① that ② which ③ what ④ how

問7. If 11 had been more trees on the mountain, the rainwater would not have flooded the town.

① it ② they ③ we ④ there

問8. While 12 a walk along the river early in the morning, my father always

listens to a music program on the radio.

Ⓐ take Ⓑ taking Ⓒ to take Ⓓ taken

問9. The man declared that he would win the contest, and he really **13** win the first prize last week.

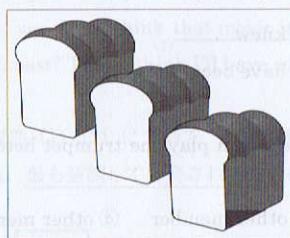
Ⓐ is Ⓑ was Ⓒ will Ⓓ did

問10. "Oh, you have a new bike?" "Yes. My old bike **14** at the mall. I can't do without one."

Ⓐ stole Ⓑ is stealing Ⓒ is stolen Ⓓ was stolen

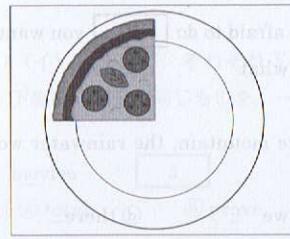
B 次の問い合わせ(問1・2)の絵の説明として空欄(**15**・**16**)に入れるのに最も適切なものを、それぞれ下のⒶ～Ⓓのうちから一つずつ選びなさい。

問1. We're making sandwiches for 12 people. We'll need at least three **15** of bread.



Ⓐ loaves Ⓑ pieces Ⓒ bars Ⓓ rolls

問2. "Have you eaten all of the pizza?" "No. I have eaten **16** of it."



Ⓐ four third Ⓑ three fours Ⓒ four thirds Ⓓ three quarters

C 次の問い合わせ(問1～5)の下線部の意味にはほぼ等しいものを、それぞれ下のⒶ～Ⓓのうちから一つずつ選びなさい。(17)～(21)

問1. The students were working hard to carry out their plans by the end of the school year.

Ⓐ make up Ⓑ revise Ⓒ put into practice Ⓓ pass on

問2. We were all surprised to see Frank show up early in the morning.

Ⓐ appear Ⓑ come home Ⓒ finish his work Ⓓ wake up

問3. Those girls are all prepared to make a presentation on behalf of the class.

Ⓐ in front of Ⓑ representing Ⓒ during Ⓓ as a task of

問4. Our teacher told us to make it a rule to put down what we heard from the lecturer.

Ⓐ write down Ⓑ memorize Ⓒ think twice Ⓓ check up

問5. The old man looked very much in shape when we visited him at home, where he lives alone.

Ⓐ lighter Ⓑ heavier Ⓒ in good condition Ⓓ in bad condition

問題3. 次の問い合わせ (問1~6)において、それぞれ下のⒶ～Ⓑの語句を並べかえて空欄を補い、文を完成させなさい。また、解答は [] に入る語句の記号で答えなさい。
([22] ~ [27])

問1. Do you know how many [22] buy to feed all the cats?

Ⓐ food Ⓑ should Ⓒ of Ⓓ we Ⓔ cans

問2. My cake didn't rise, because I didn't [23] keep them fluffy.

Ⓐ the eggs Ⓑ enough Ⓒ stir Ⓓ to Ⓔ fast

問3. The chairman remained in his [24] and didn't start speaking for a long while.

Ⓐ eyes Ⓑ his Ⓒ closed Ⓓ with Ⓔ seat

問4. My parents are always patient [25] very slow in doing everything.

Ⓐ my Ⓑ of Ⓒ spite Ⓓ being Ⓔ in

問5. He [26] than when he missed the bus that morning.

Ⓐ more Ⓑ been Ⓒ upset Ⓓ had Ⓔ never

問6. The teacher didn't tell us [27] our homework essay.

Ⓐ when Ⓑ submit Ⓒ should Ⓓ by Ⓔ we

問題4. 次の問い合わせ (問1~5)の空欄 ([28] ~ [32]) に入れるのに最も適切なものを、それぞれ下のⒶ～Ⓑのうちから一つずつ選びなさい。

問1. "Hey, Mary. You look really happy. What's [28]?"

"I won a prize at a photo contest!"

Ⓐ wrong Ⓑ matter Ⓒ good Ⓓ up

問2. "Hello. This is Sean speaking. May I speak to Mr. Tanaka?"

"Certainly. [29] the line, please."

Ⓐ Save Ⓑ Hold Ⓒ Keep Ⓓ Stay

問3. "Molly! Are you ready? We're leaving!"

"OK, OK! I'm [30]!"

Ⓐ coming Ⓑ going Ⓒ here Ⓓ there

問4. "David was really hurt. Why did you say such a thing?"

"I don't know how this has happened. I really didn't [31] to hurt his feelings."

Ⓐ purpose Ⓑ need Ⓒ mean Ⓓ suppose

問5. "I'm going to pay for the coffee today."

"No, no. It's [32] me today."

Ⓐ on Ⓑ to Ⓒ for Ⓓ by

問題5. 次の問い合わせ (問1~4) の対話文の内容がうまくつながるように、空欄 (33) ~ (36) に入れるのに最も適切なものを、それぞれ下のⒶ~Ⓐのうちから一つずつ選びなさい。

問1. A : I went to see the rose garden last Saturday.

B : Oh, you did? 33

A : I know. That's why I decided to go this year. It was gorgeous!

B : Maybe I'll go see it this weekend.

Ⓐ I have never been there.

Ⓑ I didn't know you liked flowers.

Ⓒ I really loved it when I visited it last year.

Ⓓ Do you know it's near our house?

問2. A : I have great news for you.

B : 34 Tell me!

A : Your project has won the school prize!

Ⓐ What about?

Ⓑ How did you know it was true?

Ⓒ Yes, I heard it from Jason.

Ⓓ No, no. It's nothing.

問3. A : Lionel! It's been a while. How have you been?

B : Oh, I'm doing great, thanks. How about you?

A : As usual. 35 I wish I had more time.

Ⓐ I don't know what to do with my time.

Ⓑ I might find an extra job to kill time.

Ⓒ I'm becoming lazier and lazier.

Ⓓ It really feels like time is flying.

問4. A : Where are you going?

B : I'm going to an animal shelter. I'm meeting my dad there.

A : 36 So your father finally said you could have a dog?

B : Yes. It will be my 18th birthday present.

Ⓐ Oh, you're too busy to do that.

Ⓑ Are you serious?

Ⓒ Sorry, but I have something else to do now.

Ⓐ I think you'll find him soon.

Worldwide, approximately three billion people have poor-quality diets and more than two billion people suffer from micronutrient deficiencies. Nearly 25 per cent of children under the age of five are chronically *undernourished.

*Malnutrition causes health problems and losses in economic productivity, including *GDP losses. Over the course of their lifetimes, malnourished individuals can earn 10 per cent less than those who are well-nourished.

Without access to adequate, affordable, nutritious food, generations remain trapped in poverty, unable to take advantage of educational and job opportunities to fulfil their potential.

Investing in nutrition through agriculture is not only socially responsible, it is sound development policy and good economics. Its impact is multi-generational, allowing children to reach their full physical and intellectual potential, (1) they can grow into healthy adults and lift themselves out of poverty.

Improving food security through better food production systems is at the heart of *IFAD's work. We design our projects through a nutrition- and gender-sensitive lens, helping rural people to improve their diets by growing and consuming diverse, nutritious, safe and affordable foods.

To combat malnutrition, we combine our solid technical knowledge with investments in nutrition- and gender-sensitive agriculture, through unique food-based approaches. We finance nutritional education and support actions that reshape food systems and improve nutrition security.

We also pay special attention to the role of women and adolescent girls, who make up a large percentage of the workforce in agriculture and food systems in developing countries. They are also the safeguards of nutritious diets in their households.

Empowering women by improving their knowledge of nutrition, as well as promoting maternal nutrition and nutrition of adolescent girls, dietary intake, and hygiene behaviours, can reduce undernutrition for entire generations.

Gender-sensitive agricultural projects help ensure women have more control over resources and that both rural men and women understand the important role that they can play in supporting good nutrition.

Climate change *exacerbates the already vast burden of malnutrition and

undermines current efforts to reduce hunger and promote nutrition.

As a result, IFAD has increased its commitment to providing resources for issues related to nutrition and is mainstreaming nutrition, gender and climate change actions across all of its programmes and projects. (2)

We promote dialogue among concerned partners, including ministries of agriculture and health, as well as between other areas of government and civil society. (3) This strengthens understanding, brokers collaboration, and promotes new pathways for nutrition- and gender-sensitive agriculture.

IFAD also taps into other *reservoirs of knowledge and collaborates with institutions with specialized research skills such as national agricultural research centres and international institutes.

Governments and development partners around the world are increasingly focused on nutrition-enhancing agricultural investments.

More than 50 countries have now committed to the Scaling Up Nutrition (SUN) movement, a clear demonstration that nutrition is high on the global agenda.

IFAD plays an active role in the United Nations Standing Committee on Nutrition (*UNSCN), a platform dedicated to an open, substantive and constructive dialogue on global nutrition strategies and initiatives. The UNSCN is currently chaired by IFAD's Vice-President, Cornelia Richter.

Food and nutrition security is both an indicator and a driver of inclusive economic growth and (4) development. It is also an investment in the future.

For this reason, the scope of global malnutrition demands a robust and collaborative approach, driven by the local realities of smallholders and rural food systems.

(出典：<https://www.ifad.org/en/nutrition>)

*undernourished 栄養不良の

*malnutrition 栄養不良

*GDP (Gross Domestic Product) 国内総生産

*IFAD 国際農業開発基金

*exacerbate 悪化させる

*reservoir 蓄積、宝庫

*UNSCN (the United Nations Standing Committee on Nutrition) 国連栄養常任委員会

A 次の問い合わせ (問1～5)に答えなさい。 (37) ~ (43)

問1. 空欄(1)に入れるのに最も適切なものを下の①～④のうちから一つ選びなさい。

37

① as long as

② because

③ so that

④ while

問2. 下線部(2)はどういうことの結果を表しているか。最も適切なものを下の①～④のうちから一つ選びなさい。 (38)

① IFAD is paying special attention to the role of women and adolescent girls.

② Climate change adds to the problem of malnutrition.

③ Men and women understand their important role in supporting good nutrition.

④ There are things such as women's roles and climate change affecting nutritious issues.

問3. 下線部(3)は何を指しているか。最も適切なものを下の①～④のうちから一つ選びなさい。 (39)

① IFAD promotes dialogue among related organizations.

② IFAD is trying to provide resources concerning nutrition.

③ IFAD recognizes the importance of climate change.

④ The government has started to work with other areas of civil society.

問4. 空欄(4)に入れるのに最も適切なものを下の①～④のうちから一つ選びなさい。 (40)

① rapid

② visible

③ sustainable

④ temporary

問5. 次の英文(1)～(3)が本文の内容に一致するように、最も適切なものをそれぞれ下の①～④のうちから一つずつ選びなさい。 (41)

(1) One of the things IFAD does to combat malnutrition is (41).

① to teach farmers how to grow effective products to make money

② to utilize its knowledge to invest in new agricultural approaches

③ to try to produce new and unique kinds of agricultural products

④ to educate women and young girls to be able to work in different areas of the society

(2) IFAD thinks one of the important tasks of women and girls is (42).

① to become a bigger percentage of the workforce

⑤ to start working in agricultural industries

⑥ to oversee nutrition at home

⑦ to gain more authority at home

(3) Climate change can affect the situation by 43.

⑧ making farm work more laborious

⑨ making people underestimate the efforts of farmers

⑩ making the problem of malnutrition more serious

⑪ reducing hunger and promoting nutrition

B 次の問い合わせ (問1～3)について、英文の内容から最も適切なものをそれぞれ下の

⑫～⑯のうちから1つずつ選びなさい。

(44)～(46)

問1. How can people lighten the economy impact of malnutrition? 44

⑫ By earning 10 per cent less than others.

⑬ By growing into healthy adults.

⑭ By providing access to nutritious food.

⑮ By taking advantage of children.

問2. What can the local smallholders and rural food systems do to fight global malnutrition? 45

⑯ They can play an active role in the United Nations.

⑰ They can work individually to obtain food security.

⑱ They can drive inclusive economic growth and development.

⑲ They can work together and take decisive approaches toward malnutrition.

問3. Choose the most suitable title for this passage. 46

⑳ Poverty Reduction Through Nutritious Foods

㉑ What Can Poverty Cause?

㉒ How to Invest Your Money

㉓ The Important Role of Women and Girls in Society

数学

(60分)

○すべての問題について、分数は既約分数で、根号の中の数はできるだけ小さい正の整数で答えなさい。

問題1. 以下の問い合わせに答え、空欄 1・2・3 に当てはまるものを1つずつ選びなさい。

(1) 実数 x に関する2つの条件

$$p : x \leq 1, q : x^2 \leq 1$$

を考える。また、条件 p, q の否定をそれぞれ \bar{p}, \bar{q} で表す。次の 1・2 に当てはまる選択肢を下の①～⑯のうちから1つずつ選びなさい。

① q は p であるための 1。

② $(\bar{p} \text{ または } q)$ は \bar{q} であるための 2。

⑩ 必要条件であるが十分条件でない

⑪ 十分条件であるが必要条件でない

⑫ 必要十分条件である

⑬ 必要条件でも十分条件でもない

(2) 次の箱ひげ図は、47都道府県を東日本と西日本に分けたときの年間一世帯あたりのまぐろの消費量(単位g)である。東日本または西日本のいずれかのデータをもとに、階級の幅を500gとしてヒストグラムを作成した。ただし設問の都合上、ヒストグラムの階級の値は省略している。このデータについて述べた文として最も適当なものを、次の①～⑯のうちから一つ選びなさい。 3