

受験番号		氏 名		クラス		出席番号	
------	--	-----	--	-----	--	------	--

試験開始の合図があるまで、この問題冊子の中を見てはいけません。

2014年度 全統センター試験プレテスト問題

外国語〔英語(筆記)〕 (200点 80分)

2014年11月実施

注 意 事 項

- 1 解答用紙に、正しく記入・マークされていない場合は、採点できないことがあります。
- 2 この問題冊子は、34 ページあります。

試験中に問題冊子の印刷不鮮明、ページの落丁・乱丁及び解答用紙の汚れ等に気付いた場合は、手を高く挙げて監督者に知らせなさい。

- 3 解答は、解答用紙の解答欄にマークしなさい。例えば、

10

 と表示のある問いに対して③と解答する場合は、次の(例)のように解答番号 10 の解答欄の③にマークしなさい。

(例)

解答番号	解	答	欄
10	①	②	● ④ ⑤ ⑥ ⑦ ⑧ ⑨

- 4 問題冊子の余白等は適宜利用してよいが、どのページも切り離してはいけません。

問題を解く際には、「問題」冊子にも必ず自分の解答を記録し、試験終了後に配付される「学習の手引き」にそって自己採点し、再確認しなさい。

河合塾



英 語(筆記)

(解答番号 ~)

第 1 問 次の問い(A・B)に答えよ。(配点 14)

A 次の問い(問 1 ~ 3)において、下線部の発音がほかの三つと異なるものを、それぞれ下の①~④のうちから一つずつ選べ。

問 1

① blood

② fool

③ goose

④ tool

問 2

① fiber

② liberty

③ microscope

④ violence

問 3

① ambitious

② motive

③ nation

④ patient

B 次の問い(問1～4)において、第一アクセント(第一強勢)の位置がほかの三つと異なるものを、それぞれ下の①～④のうちから一つずつ選べ。

問1

4

- ① advice ② image ③ modern ④ pattern

問2

5

- ① adventure ② continue ③ interpret ④ origin

問3

6

- ① discover ② elevate ③ horrible ④ innocent

問4

7

- ① explanation ② historical ③ necessity ④ occasional

第2問 次の問い(A～C)に答えよ。(配点 44)

A 次の問い(問1～10)の ～ に入れるのに最も適当なものを、それぞれ下の①～④のうちから一つずつ選べ。ただし、 ～ については、(A)と(B)に入れるのに最も適当な組合せを選べ。

問1 If there's anything I can do to help, just me a call.

- ① give ② make ③ show ④ tell

問2 The discussion group doesn't meet every week; it meets week, that is, twice a month.

- ① another ② each other
③ every other ④ the other

問3 Mistakes occur, even in the most carefully controlled situations.

- ① can ② may not ③ need ④ ought not

問4 Aunt Arabella is very stubborn. Kim takes her in that respect.

- ① after ② in ③ on ④ over

問5 the storm that was approaching the mountain area, the two climbers continued their trek.

- ① Despite ② Even though
③ In spite ④ Whether

問6 Fortunately I 13 to be at home when my husband had his heart attack.

- ① became ② happened ③ stayed ④ turned

問7 I was made 14 for three hours before I was examined by a doctor.

- ① to wait ② wait ③ waited ④ waiting

問8 We can't simply say that poverty is solely responsible (A) crime; there are clearly other (B). 15

- ① A : for B : affects ② A : for B : influences
③ A : to B : affects ④ A : to B : influences

問9 (A) seems to me that he isn't the (B) person for the job; he doesn't have much experience. 16

- ① A : He B : right ② A : He B : true
③ A : It B : right ④ A : It B : true

問10 I heard on the radio the news (A) the coastguards had to (B) off the search because of worsening weather conditions. 17

- ① A : that B : call ② A : that B : take
③ A : which B : call ④ A : which B : take

B 次の問い(問1～3)の会話の 18 ～ 20 に入れるのに最も適当なものを、それぞれ下の①～④のうちから一つずつ選べ。

問1 Cathy: Hello. This is Cathy. Is Hannah there?

Ms. Brown: I'm sorry, Cathy, but she isn't here right now.

Cathy: Do you know when she'll be back?

Ms. Brown: I have no idea. 18

Cathy: Sure. Could you tell her that I called and ask her to call me back?

Ms. Brown: Yes, I will, Cathy.

- ① Are you sure to find her?
- ② I wonder where she is.
- ③ Please hold on a minute.
- ④ Would you like to leave a message?

問2 Mr. White: You come from Osaka, Tomio. What's the weather like in summer there?

Tomio: Why do you ask?

Mr. White: I'm going there on business next week.

Tomio: Well, 19 It's very hot and the air is wet.

Mr. White: Oh, you mean it's humid.

- ① how did you learn that?
- ② what can I say?
- ③ what do you mean?
- ④ why not ask someone else?

問 3 Mother: I have something to tell you. I'm really worried about Jordan.

Father: Again? What's wrong this time?

Mother: He got very poor scores on his mid-term exams. If he continues like this,

20

Father: If he can't, we'll have to pay more school fees. What do you expect me to do?

Mother: I want you to tell him to start studying harder right away!

- ① he can decide what to do for himself.
- ② he won't be able to graduate.
- ③ he'll certainly get better grades.
- ④ he'll manage to pass his final exams.

C 次の問い(問1～3)において、それぞれ下の①～⑥の語句を並べかえて空所を補い、最も適当な文を完成させよ。解答は 21 ～ 26 に入れるものの番号のみを答えよ。

問1 Taro: I had to pay 25,000 yen for the electricity last month.

Sara: I think you can 21 22
unnecessary lights.

- | | | |
|--------|-----------|--------------------|
| ① bill | ② by | ③ cut down |
| ④ off | ⑤ turning | ⑥ your electricity |

問2 Chris: How did you spend the summer vacation?

Richard: I spent 23 24
money for a new computer.

- | | | |
|--------|---------|-------------|
| ① most | ② of it | ③ part-time |
| ④ save | ⑤ to | ⑥ working |

問3 Koji: How do you like living in your new apartment?

Judy: It's very comfortable, and I've become an early riser. Every morning around 6 I hear 25 26
in the neighboring park.

- | | | |
|------------|---------------|------|
| ① a number | ② exercising | ③ of |
| ④ people | ⑤ radio music | ⑥ to |

(下 書 き 用 紙)

英語(筆記)の試験問題は次に続く。

第3問 次の問い(A～C)に答えよ。(配点 41)

A 次の問い(問1・問2)において、下線部の語句の意味を推測し、27・28に入れるのに最も適当なものを、それぞれ下の①～④のうちから一つずつ選べ。

問1

Bob is required to handle grievances from customers. This job puts him under a lot of stress. A lot of people visit his department store, and some of them are not very happy about what they bought or how they were treated. For example, they come to tell him that a product they bought doesn't work properly, they were treated rudely by a salesclerk, or they were charged too much money for an item.

In this situation, grievances means 27.

- ① acceptable attitudes
- ② complaints about unfair treatment
- ③ desires for better products
- ④ stressful lives

問 2

Albert: Hey, Keisuke, it took a lot of nerve to hit the penalty right into the center of the goal!

Keisuke: Everybody keeps telling me the same thing. When I was about to kick the ball, I saw the goalkeeper beginning to jump to the right.

Albert: How calm you were! Weren't you afraid you'd miss?

Keisuke: Actually, I was. My stomach was in knots.

In this situation, My stomach was in knots means

28

.

- ① I was extremely hungry
- ② I was really excited
- ③ I was surprisingly calm
- ④ I was very nervous

B 次の問い(問1～3)のパラグラフ(段落)には、まとまりをよくするために**取り除いた方がよい文**が一つある。取り除く文として最も適当なものを、それぞれ下線部①～④のうちから一つずつ選べ。

問1

29

Joe, a nine-year-old boy, tries to stay awake all night whenever he sleeps over at a friend's house. ①He is terrified he will wet the bed in his sleep. ②He has a common childhood problem: bed-wetting. ③There may be some kind of physical problem or health condition that causes a child to wet the bed. ④For some reason, it's more common in boys than in girls. But usually bed-wetting is psychological, and can be cured without medical treatment, given enough time along with plenty of patience.

問2

30

In the Trobriand Islands, the yam (a root vegetable) is important to the islanders in several ways. First of all, this vegetable is one of their main foods. It is also part of their culture and religion. ①Every village has a "yam house" with a large yam hanging from the ceiling. ②It represents the wealth and well-being of the community, and the health of the people. ③The yam harvest is one of the high points of the year, and the focus of many traditions. ④It is rich in nutrition and people there live on it. It is always carried out by women. Men are supposed to stay away from the fields. Any men they meet will be chased, attacked, and treated as fools.

Eye contact is the single most important form of body language in Western societies. Research reveals that patterns in the iris send signals which indicate whether we're friendly or unfriendly, trusting or neurotic.

① Most importantly, we use our eyes to convey attentiveness, empathy and trust. We can also use our eyes to establish authority, strength and power.

② In most social and professional situations, the best way to make eye contact is to be natural and direct. Being natural means looking at a person without staring.

③ It could be viewed as showing insecurity and lack of confidence.

④ Being direct means not looking sideways. There are certain conflict situations where positioning yourself next to a person and looking in the same direction may help reduce tension. In most positive or neutral situations, however, it's useful to maintain natural and direct eye contact.

C 次の会話は、ある町に大型スーパーマーケットの出店計画が持ち上がり、それに対して住民たちが意見を述べている場面の一部である。32 ~ 34 に入れるのに最も適当なものを、それぞれ下の①～④のうちから一つずつ選べ。

Betty: This town doesn't have a large-scale supermarket, though we have a local butcher, a grocery, a bakery, and a couple of clothing shops. A nationwide supermarket chain, AZ-mart, is now planning to open a branch in the town. Let's discuss this issue today. What do you think about their plan, Alison?

Alison: I'm really excited to hear that news. We could buy almost everything at one place. It would have fresh meats, seafood and brand name products. Currently the town's residents have to travel outside of town to shop for these things, but almost 50 percent of the residents don't have their own vehicles. There are several local shops here, but the produce offered there is very limited. Furthermore, the new supermarket would have a cinema and a video game arcade attached to it.

Betty: So, Alison, you're saying that 32.

- ① a lot of people would travel all the way to AZ-mart by car on weekends
- ② some people need to have their shopping delivered because they don't have automobiles
- ③ the local grocery store sells fresher food because they buy local produce
- ④ the supermarket would be convenient because we would be able to buy a variety of things

Joe: I agree with Alison. Besides, AZ-mart would create jobs for our residents and play a significant role in the local economy. It would pay a lot of tax to the town, and the money spent there would remain in the town.

Emily: But what would happen to local food retailers? I think the

supermarket being planned is too big for our tiny community to support. It would prosper only if all the local shops closed down and customers came from miles away. Our grocers currently buy and sell the agricultural produce grown here, but AZ-mart would search globally for the cheapest possible agricultural produce. In the long run, the agricultural industry in our hometown would decline.

Betty: So, Emily, you think that

33

.

- ① AZ-mart would help the local economy improve drastically
- ② the supermarket might do serious harm to our environment
- ③ the supermarket would provide us with jobs and might enrich our lives
- ④ we have to think about the possible damage to the local economy

Mark: Well, I think it would stimulate business, attracting a lot of people from neighboring cities. But I'm worried about the traffic on the road to the supermarket because the traffic there is already heavy. They say they plan to provide free car parking in the town and have shuttle buses run between the parking area and the supermarket. That would make it more dangerous for school kids to walk to and from school.

Betty: Mark, you point out that

34

.

- ① negotiations to have free car parking lots will be tough
- ② the plan has some shortcomings that we should consider
- ③ there are more advantages than disadvantages to the plan
- ④ we should build a lot more roads in order to reduce traffic

Betty: Thank you everyone for sharing your ideas. Perhaps we should hold a referendum on this issue. If we decide to hold one, I will let all of you know about the arrangements and the result.

第4問 次の問い(A・B)に答えよ。(配点 35)

A 次の文章は、アメリカのバージニア州の議会で提出されたある報告書の一部である。この文章とグラフを読み、下の問い(問1～4)の 35 ～ 38 に入れるのに最も適当なものを、それぞれ下の①～④のうちから一つずつ選べ。

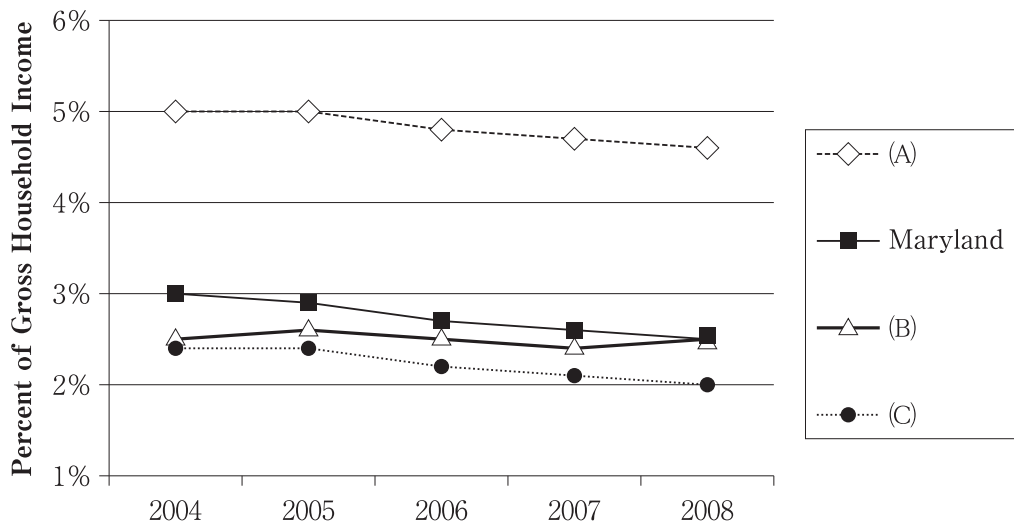
A Report on Civic Engagement in the State of Virginia

Civic engagement is the sense of connectedness that citizens feel toward each other, a willingness to serve their community and engage in community problem-solving. It can take many forms—from making charitable contributions to volunteering, from voting to campaigning for candidates or issues to serving on local boards, committees, and councils. Virginia encourages citizens to strengthen their communities through civic participation, volunteerism, and service.

Why is civic engagement important? Virginia values citizens' involvement in their own communities. Civic engagement promotes social trust and improves the quality of life of both participants and beneficiaries. Higher civic engagement has been linked with better health, lower crime, improved educational outcomes, and greater individual happiness. There are also economic benefits: one estimate places the economic value of the charitable or nonprofit sector at 7 percent of national income.

Charitable contributions provide a measure of social involvement. Households in Virginia donated an average of \$1,320 in 2008, which represented 2.0 percent of gross household income. This percentage has declined somewhat since 2004, in line with nationwide trends. Virginia ranked 13th among U.S. states and just above the national average. However, Virginia was behind regional peer states Tennessee and Maryland. Utah led the nation in this category, with 4.6 percent of income being donated as charitable contributions.

Charitable Contributions, by State



What influences civic engagement? The pressures of time, money, and family commitments can negatively affect civic engagement. For instance, citizens who work full-time and experience long commutes have less time available for community service and civic activities. By contrast, part-time employees and citizens who live and work in small towns volunteer in higher proportions. Senior citizens, who tend to be retired or part-time workers, contribute more average volunteer hours than other age groups. Social divisions along the lines of income, race, ethnicity, and religion can make civic engagement more difficult. Educational levels and church attendance are strongly correlated with civic engagement and charity work.

問 1 What kind of change does **NOT** happen through civic engagement?

35

- ① Benefits are gained in economic as well as educational terms.
- ② The crime rate decreases and social trust increases.
- ③ There are improvements in personal health and happiness.
- ④ There are more benefits to beneficiaries than to participants.

問 2 Which three states are represented in the Figure as (A), (B), and (C)?

36

- ① (A) Tennessee (B) Utah (C) Virginia
- ② (A) Tennessee (B) Virginia (C) Utah
- ③ (A) Utah (B) Tennessee (C) Virginia
- ④ (A) Utah (B) Virginia (C) Tennessee

問 3 The main purpose of this passage is to 37.

- ① describe the motives for and results of citizens' participation
- ② explain why people in Virginia are not active in voluntary activities
- ③ let readers know how racial problems have negative effects on people
- ④ show how many people in each state participate in voting

問 4 According to the passage, who is the least likely to contribute to volunteer activities? 38

- ① Citizens of small towns.
- ② Full-time office workers.
- ③ Part-time workers.
- ④ Retired senior citizens.

(下 書 き 用 紙)

英語(筆記)の試験問題は次に続く。

B 次のページのカワイ能楽堂の申込みに関するウェブサイトを読み、次の問い(問1～3)の 39 ～ 41 に入れるのに最も適当なものを、それぞれ下の①～④のうちから一つずつ選べ。

問1 According to the website, which of the following statements is true?

39

- ① A ten-year-old child can be admitted to the theater.
- ② Students cannot get a reserved seat even if they pay 5,000 yen.
- ③ You can buy tickets directly at the Kawai Noh Theater as well as on the Internet.
- ④ You cannot buy 6 tickets at any cost.

問2 A 20-year-old university student and his parents plan to apply for tickets. The parents are members of Kawai Noh Club but he isn't. They are going to apply for three reserved seats online. How much will they cost? 40

- ① 9,800 yen
- ② 12,500 yen
- ③ 13,000 yen
- ④ 14,500 yen

問3 According to the website, which of the following is **NOT** true?

41

- ① For voice guidance in English, you must apply in advance.
- ② If you get to the theater at 3 pm, you will have to wait thirty minutes for the performance to start.
- ③ Kawai Noh Club is worth joining if you plan to visit the theater four times or more a year.
- ④ You can get tickets three months before the performance.

Kawai Noh Theater

December 15, 2014

Noh : *Hagoromo & Takasago*

Kyogen : *Busu*

Are you interested in Noh? Noh is a form of theater involving music, dance and drama, originating in the 14th century. The costumes alone make it a worthwhile experience. If you want to see it, this is a great chance for you.

Ticket Orders:

- Period for pre-ordering : September 1 - December 14, 2014
- You can buy tickets by credit card online or directly at the Kawai Noh Theater.
- Anyone aged 13 or over on the day of the performance can get tickets (children under 13 will not be admitted).
- One order may be for up to 5 people if you buy online. If you want to order more than 5 tickets, please call 0120-543-321.
- There is a student discount, but for non-reserved seats only.

Payment:

- Once you have paid for tickets, they cannot be returned.

category	admission
reserved seats	5,000 yen
non-reserved seats	4,000 yen
non-reserved student seats	2,000 yen

- If you order tickets online, you can get a 10% discount. This discount doesn't apply to Kawai Noh Club members.
- If you are a member of Kawai Noh Club, your ticket will be discounted by 1,000 yen.

Theater day:

- The theater will open to the audience at 15:00.
- The performance will start at 15:30.
- Voice guidance (both English and Japanese) is available. If you are interested, please ask a receptionist. Headset rentals cost 500 yen.
- If you would like to be a member of Kawai Noh Club, you must pay 3,000 yen a year.

For further inquiries, contact: KawaiNoh@theater.com

第5問 次の文章は、高校生の Yuri が書いた「年末年始」についての英語の作文と、担当 ALT の Sarah が母国の友だちの Victoria に宛てた手紙である。文章を読み、下の問い(問1～5)の

42

 ～

46

 に入れるのに最も適当なものを、それぞれ下の①～④のうちから一つずつ選べ。(配点 30)

Yuri's Essay

Toward the end of the year 2014, my grandma, mother and I cleaned many parts of the house which were seldom cleaned, and my father did some shopping for the New Year's holidays. All the family except my brother Ken did their best to get everything finished and not to leave any work undone for the New Year. If Ken had helped us, our work would have finished earlier. He was absorbed in playing video games. I was irritated with him.

Also, I worked on writing New Year's cards. In previous years I had sent emails as New Year's greetings to some friends of mine, but this time I wanted to send New Year's cards to them and especially to Sarah. I put two photos on each card. One was taken when I won the first prize in the speech contest, and the other was one with my family and Pochi, our pet dog. Creating those cards was less troublesome than I had expected.

On New Year's Eve, Mother, besides preparing New Year's dishes, was busy giving orders to everyone else in the family. What a busy time! Every room was cleaned thoroughly to welcome the New Year without any dust from the old year. At night, we all gathered in the living room and relaxed, chatting and watching TV.

On New Year's Day, I invited Sarah to my home to show her a typical traditional Japanese event, the New Year celebrations, and various things which are specially used at the beginning of a new year. My grandma knew a lot about them but couldn't explain them in English, so I interpreted to Sarah what she

was saying, with the help of a dictionary. Sarah seemed to be very interested in Japanese culture.

And on the 3rd, Sarah and I paid a visit to a nearby shrine. I succeeded in answering all the questions she asked me in English. I had less trouble talking with her in English than before. This year I hope my English will improve even more!

A Letter to Victoria

Jan 05, 2015

Dear Victoria,

Hi! How have you been? It's been ten months since I arrived in Japan. At first I had a hard time teaching English to my students. Most of them were reserved and shy, and rarely showed that they could understand what I was saying, because they didn't want to stand out in class. What was worse, the way English was taught at school was alarmingly strict and rigid, making students terrified of making any grammatical mistakes, so they remained quiet instead of risking a mistake.

However, I got a good chance to communicate with my students through an English speech contest held at the end of the first term. They began to ask me questions. My hard work was rewarded and since then the students have communicated much more openly with me. What a relief! Now I have a really close relationship with Yuri, who won the first prize in the speech contest.

Now, I'll tell you about my first New Year in Japan. I visited Yuri's house. Everybody bowed deeply and greeted me cheerfully in Japanese when I entered her home. You know, Japanese people are very polite. Her grandmother showed me many traditional New Year goods such as a hundred cards with

famous old poems on them, a battledore and shuttlecock and so on, which Yuri said are seldom used today. And on the third day, Yuri invited me to a shrine and we prayed there — my first experience of religion in Japan. There were a lot of people, but it had a solemn atmosphere just as I had imagined.

Another first experience for me was Japanese New Year's cards. I received some cards, all of which, strangely, had pictures of the same animal on them. Guess what? The animal of the year 2015 is a sheep, I hear. That's interesting, isn't it? And to my delight, Yuri's card had a picture on it of the two of us together at the speech contest.

Japan has a lot of customs I don't know yet. This year I want to learn more about Japan. What do you want to do this year, Victoria? I hope you'll have a wonderful year. See you next winter!

Love,
Sarah

問 1 Yuri found it annoying to 42.

- ① be made to clean the house
- ② do a lot of homework
- ③ see her brother being lazy
- ④ work with her mother

問 2 For the first few months Sarah's impression of her students was that 43.

- ① few of them were afraid of making English mistakes
- ② most of them were reluctant to express themselves in English
- ③ they had a better command of English than she expected
- ④ they were eager to participate in her English class

問 3 On the first day of the year 44.

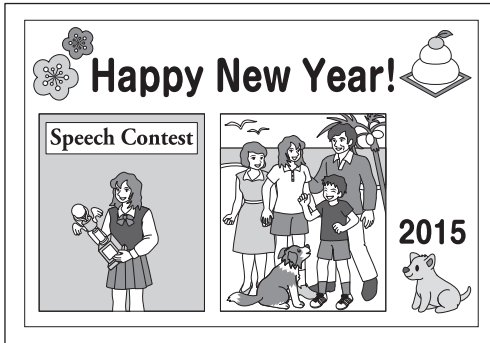
- ① Sarah played Japanese card games with Yuri's family
- ② Sarah was shocked at Yuri's extraordinarily cheerful greeting
- ③ Yuri explained parts of Japanese culture to Sarah in English
- ④ Yuri took her friend and Sarah to a shrine to worship

問 4 Which of the following statements is true? 45

- ① It seems that Sarah has learned everything about Japanese culture.
- ② The shrine was a far quieter place than Sarah had expected.
- ③ Yuri's family spent the night of New Year's Eve leisurely.
- ④ Yuri's house needed to be cleaned up thoroughly on New Year's Day.

問 5 Which of the following New Year's cards best matches the one Yuri sent Sarah ? 46

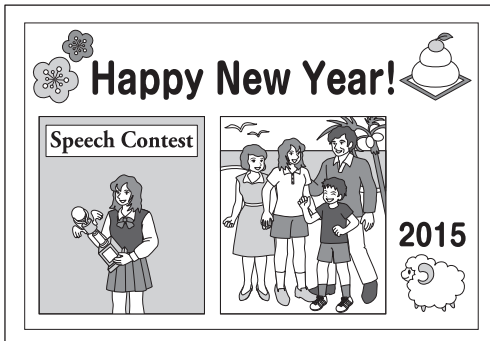
①



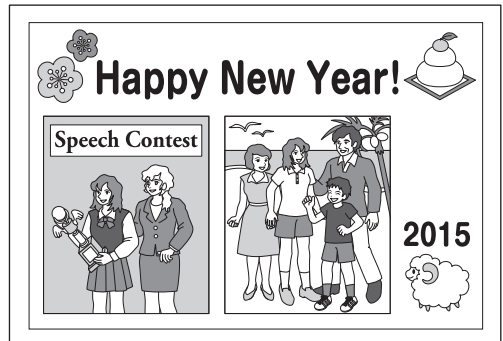
②



③



④



(下 書 き 用 紙)

英語(筆記)の試験問題は次に続く。

第6問 次の文章を読み、下の問い(A・B)に答えよ。なお、文章の左にある(1)～(7)は段落の番号を表している。(配点 36)

Coral Reefs: We Must Save Them to Save the Earth!

- (1) Quite a few people may associate the term “environmental issues” with alternative energy sources, climate change, mining, recycling, and endangered species. However, most of them would never think of coral reefs. Unfortunately, the fact is that our coral reefs are under great threat and they are now considered endangered.
- (2) Coral reefs are fragile ecosystems that thrive in waters with a narrow range of temperatures. Even a slight change in the temperature of the ocean water can cause the coral to turn white and ultimately die. Reefs also tend to be sensitive to the water level and the pH level of the ocean. Coral reefs need to be located close to the surface not only to maintain a stable temperature range but also to receive the sunlight that they need in order to carry out a biochemical process called photosynthesis. Currently, with sea levels rising, the amount of sunlight the reefs get is decreasing and the water temperatures are falling, which is threatening these delicate ecosystems.
- (3) Coral reefs also require a certain level of acidity, or a certain level of carbonate ions in the water, so that they can build their calcium carbonate skeletons. But with CO₂ levels in the atmosphere increasing and the level of carbonate ions in the oceans decreasing, it is becoming more and more difficult for the reefs to build their skeletons. It is high time we protected these ecosystems, since we have already lost thousands of square kilometers of coral reefs. Another factor affecting our reefs is poor water quality caused by run-off from rivers. The water coming from these rivers is becoming increasingly muddy and nutrient-filled because of deforestation and agriculture, and is reducing the amount of sunlight which reaches the reefs. Some final factors leading to the destruction of our coral reefs are overfishing and discarding of fishing materials.

- (4) The combination of these factors has had such a damaging effect on the coral reefs that today 33% of coral species are on the International Union for Conservation of Nature and Natural Resources (IUCN) Red List of endangered species. A 25-year survey of the coral in the Caribbean shows that reefs are declining at a rate of 5.5 - 9.2% each year. As of 2008, 19% of the world's coral reefs had already been lost, 15% are at risk of being lost in the next 10 - 20 years, and 20% are in danger of dying in the following 20 - 40 years.
- (5) While these statistics may be saddening, you may wonder why you should care about the future of our coral reefs. Well, these ecosystems actually have a huge ecological and economic value to the world. Coral reefs are natural protectors of shorelines, mangrove forests, and seagrass beds, acting as a safeguard against waves and reducing them by as much as 75 - 95%. The reefs also act as suppliers of sand for our beaches. Moreover, they supply a large number of marine organisms with nutrients, such as nitrogen. Most organisms cannot utilize the form of nitrogen that is abundant in the atmosphere and the ocean waters. Coral changes this form of nitrogen into a form that these organisms can use. What is even more important is that coral reefs also provide records of climate change by the width and density of their calcium-carbonate skeletons.
- (6) These reefs do not just help the environment—they also help the economy by supporting the existence of commercial fisheries, providing essential shelter, and feeding, nursery, and egg-laying grounds for tons of marine organisms and fish. Furthermore, coral reefs are rich in chemical compounds called marine natural products, which pharmaceutical companies have discovered can be used in the production of human medicines.
- (7) Finally, the most obvious benefit that these beautiful ecosystems provide is recreation and tourism. Anyone who has ever had the chance to snorkel or scuba dive at one or more of our world's reefs can appreciate the true beauty and magnificence of these delicate ecosystems. We need to put more of our effort, time, and money into protecting and restoring such a useful natural resource.

A 次の問い(問1～5)の 47 ～ 51 に入れるのに最も適当なものを、それぞれ下の①～④のうちから一つずつ選べ。

問1 According to paragraph (2), coral reefs are likely to grow well where 47.

- ① sea levels are falling and the pH level of the seawater is low
- ② sea levels are high enough to protect them from sunlight
- ③ they can protect themselves and keep the temperature low enough
- ④ they get ample sunlight and the temperature does not change a lot

問2 According to paragraph (3), which of the following is **NOT** a likely cause of coral reefs dying out? 48

- ① Increasing CO₂ levels in the air.
- ② Muddy water pouring from rivers.
- ③ Rubbish thrown away from fishing boats.
- ④ Too much exposure to sunlight.

問3 Based on paragraph (5), which of the following is **NOT** true? 49

- ① Coral can record changes in the climate.
- ② Coral helps marine organisms to create nitrogen.
- ③ Coral reefs make sand for beaches.
- ④ Coral reefs protect shores from wave damage.

問 4 According to paragraph (6), pharmaceutical companies have discovered that

50

.

- ① chemical compounds can be made into marine natural products
- ② coral reefs do not help the environment
- ③ coral reefs interfere with commercial fisheries
- ④ drugs can be developed from coral reefs

問 5 The author's main point in the passage is that

51

.

- ① coral reefs play a large part in attracting tourists
- ② the beauty and magnificence of coral reefs should be appreciated more
- ③ we have to make a greater effort to conserve coral reefs
- ④ we need to pay more attention to environmental problems other than coral reefs

B 次の表は、本文の段落と内容をまとめたものである。52 ～ 55 に入るのに最も適当なものを、下の①～④のうちから一つずつ選び、表を完成させよ。ただし、同じものを繰り返し選んではいけない。

Paragraph	Content
(1)	Coral reefs as an environmental issue
(2)	52
(3)	Some causes of the loss of coral reefs
(4)	Some statistics on the loss of coral reefs
(5)	53
(6)	54
(7)	55

- ① Some reasons for the weaknesses of coral reefs
- ② The ecological value of protecting coral reefs
- ③ The economic value of protecting coral reefs
- ④ The most obvious benefit of protecting coral reefs

